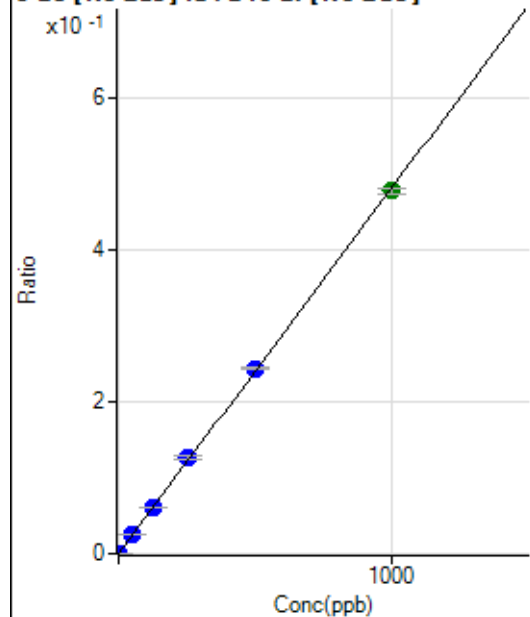


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8042123MS.b\
Analysis File: P8042123MS.batch.bin
DA Date-Time: 2023-04-21 15:34:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2023-04-21 11:33:41
2	005CALS.d	S02	2023-04-21 11:39:52
3	007CALS.d	S03	2023-04-21 11:46:03
4	008CALS.d	S04	2023-04-21 11:49:05
5	009CALS.d	S05	2023-04-21 11:52:03
6	010CALS.d	S06	2023-04-21 11:55:04
7	011CALS.d	S07	2023-04-21 11:58:02
8	012CALS.d	S08	2023-04-21 12:01:03

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.58	0.0000	P	9.9
2	☐	1.000	1.090	1621.97	0.0005	P	2.9
3	☐	50.000	50.880	76457.30	0.0245	P	2.5
4	☐	125.000	128.553	192190.55	0.0619	P	0.3
5	☐	250.000	261.850	382770.41	0.1261	P	4.4
6	☐	500.000	506.874	745629.75	0.2441	P	1.1
7	☐	1000.000	993.112	1467071.50	0.4783	A	1.6
8	☐			633.69	0.0002	P	9.6

$$y = 4.8164\text{E-}004 * x + 1.4921\text{E-}005$$

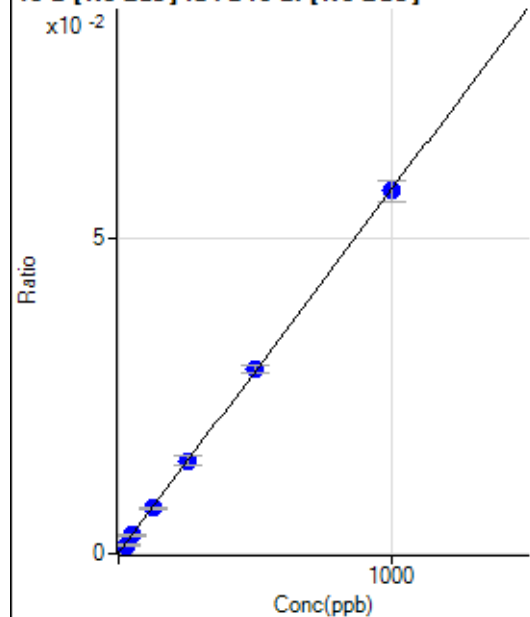
$$R = 0.9999$$

$$DL = 0.009204$$

$$BEC = 0.03098$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	356.60	0.0001	P	11.9
2	☐	25.000	21.521	4086.44	0.0014	P	5.1
3	☐	50.000	48.896	9161.73	0.0029	P	6.1
4	☐	125.000	122.381	22257.11	0.0072	P	5.4
5	☐	250.000	252.835	44509.76	0.0147	P	9.9
6	☐	500.000	506.897	89594.60	0.0293	P	3.9
7	☐	1000.000	996.312	176406.57	0.0575	P	6.0
8	☐			11846.48	0.0039	P	8.7

$$y = 5.7630\text{E-}005 * x + 1.1947\text{E-}004$$

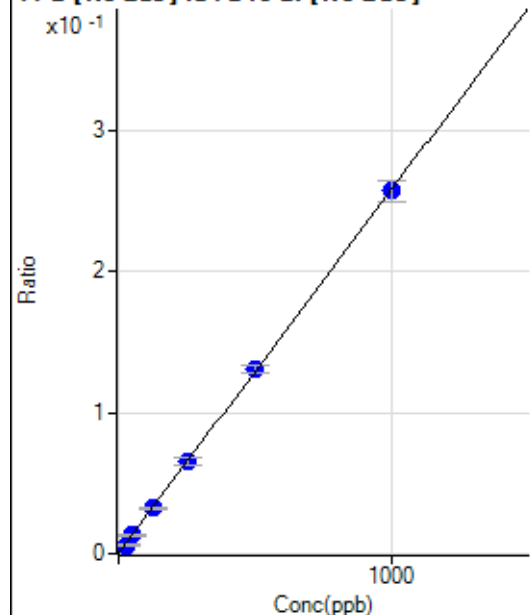
$$R = 0.9999$$

$$DL = 0.74$$

$$BEC = 2.073$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1533.78	0.0005	P	1.8
2	☐	25.000	21.728	18368.54	0.0061	P	6.3
3	☐	50.000	48.380	40481.65	0.0130	P	5.2
4	☐	125.000	124.073	100808.27	0.0325	P	5.2
5	☐	250.000	252.140	198480.21	0.0655	P	8.8
6	☐	500.000	506.420	400145.74	0.1310	P	4.0
7	☐	1000.000	996.534	788896.20	0.2573	P	5.9
8	☐			51480.05	0.0171	P	11.1

$$y = 2.5769E-004 * x + 5.1257E-004$$

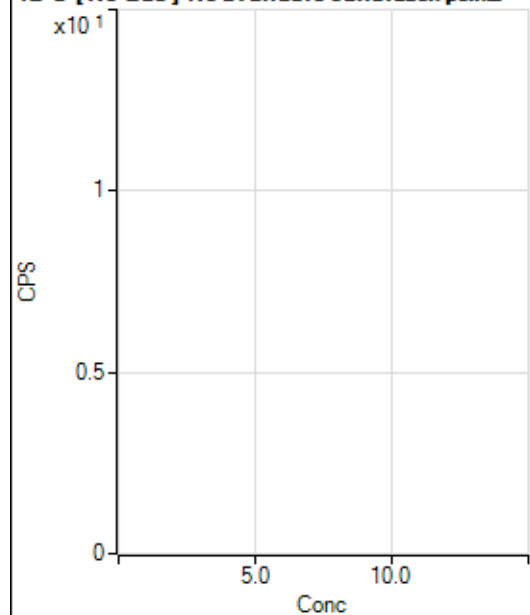
$$R = 1.0000$$

$$DL = 0.1079$$

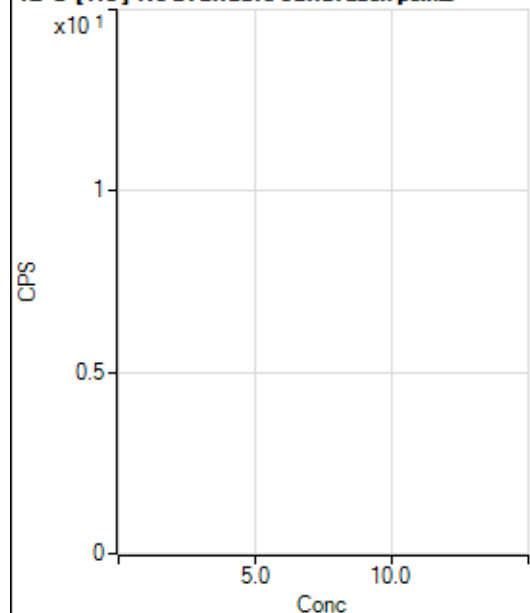
$$BEC = 1.989$$

Weight: <None>

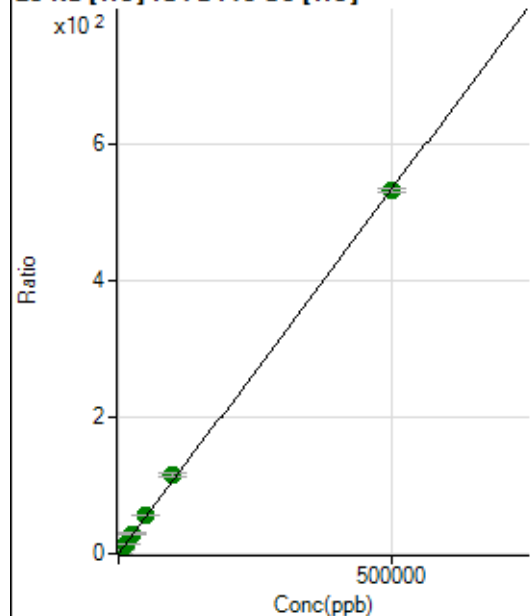
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4017951.39		A	1.5
2	☐			5168751.12		A	1.9
3	☐			4011137.46		A	3.3
4	☐			4356358.99		A	0.7
5	☐			4211517.37		A	2.2
6	☐			4267589.68		A	1.6
7	☐			4487171.76		A	4.4
8	☐			4051543.15		A	1.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46761.32		P	2.8
2	☐			58865.67		P	0.8
3	☐			47728.04		P	1.7
4	☐			52466.30		P	1.0
5	☐			50495.77		P	0.2
6	☐			52405.18		P	0.7
7	☐			56079.78		P	0.7
8	☐			52475.02		P	1.2

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19254.77	0.1103	P	1.2
2	☐	500.000	502.113	114016.53	0.6451	P	0.4
3	☐	5000.000	5499.818	1057054.77	5.9686	A	4.7
4	☐	12500.000	13553.590	2586442.44	14.5472	A	2.0
5	☐	25000.000	27258.625	5079846.25	29.1454	A	7.2
6	☐	50000.000	53087.676	9943651.27	56.6578	A	1.1
7	☐	100000.00	107141.13	20416996.46	114.2341	A	4.7
8	☐	500000.00	498118.73	94292071.55	530.6927	A	0.9

$$y = 0.0011 * x + 0.1103$$

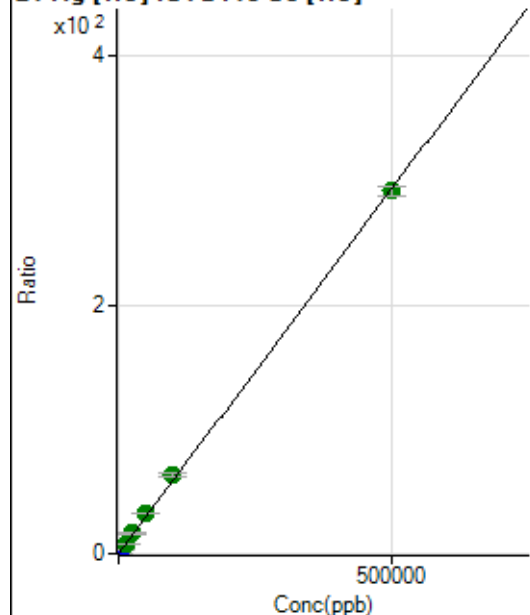
$$R = 0.9999$$

$$DL = 3.617$$

$$BEC = 103.6$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.46	0.0014	P	48.2
2	☐	500.000	508.686	52958.16	0.2997	P	2.0
3	☐	5000.000	5414.258	562567.50	3.1764	P	3.5
4	☐	12500.000	14097.814	1470141.23	8.2686	A	2.0
5	☐	25000.000	28482.979	2910314.09	16.7043	A	8.6
6	☐	50000.000	55032.204	5664272.04	32.2732	A	0.8
7	☐	100000.00	108753.13	11399216.40	63.7761	A	4.1
8	☐	500000.00	497527.90	51828981.37	291.7603	A	2.8

$$y = 5.8642\text{E-}004 * x + 0.0014$$

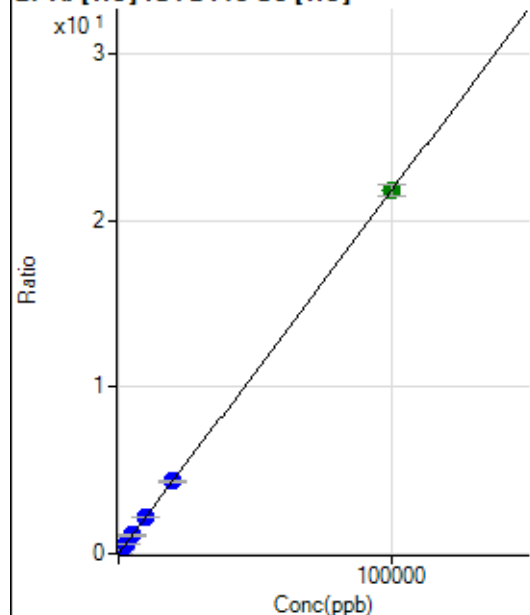
$$R = 0.9998$$

$$DL = 3.446$$

$$BEC = 2.385$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.82	0.0004	P	4.4
2	☐	20.000	19.419	818.26	0.0046	P	6.0
3	☐	1000.000	1028.680	39724.27	0.2243	P	2.7
4	☐	2500.000	2568.413	99445.12	0.5594	P	2.8
5	☐	5000.000	5100.512	193552.96	1.1104	P	6.8
6	☐	10000.000	10204.527	389846.97	2.2212	P	1.7
7	☐	20000.000	19980.370	777269.28	4.3486	P	4.0
8	☐	100000.00	99976.451	3864984.57	21.7578	A	3.2

$$y = 2.1762\text{E-}004 * x + 4.0572\text{E-}004$$

$$R = 1.0000$$

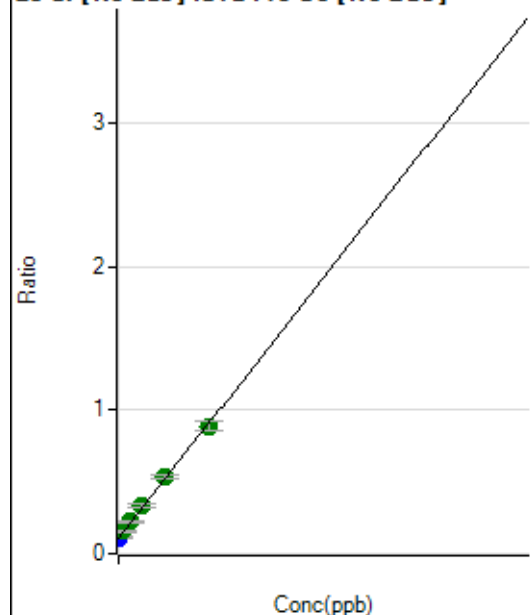
$$DL = 0.2445$$

$$BEC = 1.864$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	662922.55	0.1071	P	3.4
2	☐	10.000	7.426	716804.31	0.1131	P	2.1
3	☐	50.000	60.019	994971.93	0.1554	A	2.6
4	☐	125.000	148.106	1437829.30	0.2264	A	5.6
5	☐	250.000	282.677	2142098.33	0.3347	A	5.6
6	☐	500.000	527.529	3361306.56	0.5318	A	4.7
7	☐	1000.000	974.703	5762341.97	0.8919	A	6.8
8	☐			1280312.84	0.2015	A	1.1

$$y = 8.0511\text{E-}004 * x + 0.1071$$

R = 0.9986

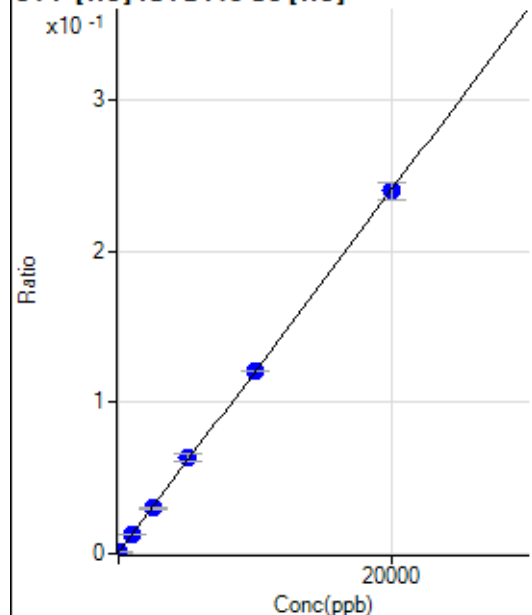
DL = 13.45

BEC = 133

Weight: <None>

Min Conc: 0

31 P [He] ISTD :45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-2.835	130.56	0.0007	P	37.6
2	☐	0.000	2.835	144.45	0.0008	P	16.6
3	☐	1000.000	980.796	2222.45	0.0125	P	4.5
4	☐	2500.000	2440.066	5334.46	0.0300	P	4.0
5	☐	5000.000	5203.801	10996.18	0.0631	P	7.8
6	☐	10000.000	10014.365	21185.36	0.1207	P	0.4
7	☐	20000.000	19950.319	42841.68	0.2397	P	4.9
8	☐			113.89	0.0006	P	21.0

$$y = 1.1975\text{E-}005 * x + 7.8244\text{E-}004$$

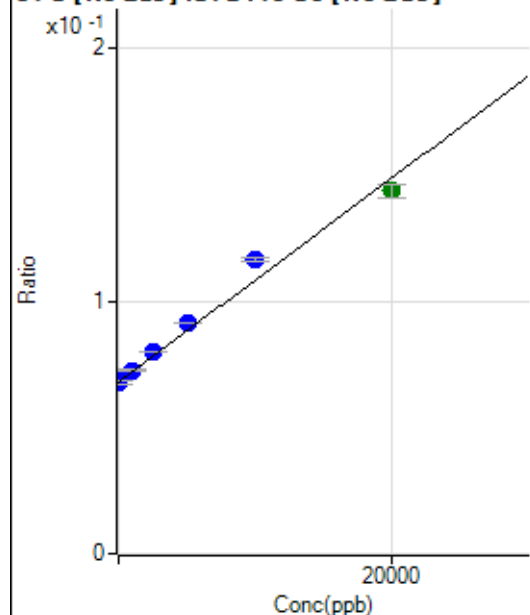
R = 0.9999

DL = 52.21

BEC = 65.34

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	34.528	421408.20	0.0681	P	4.1
2	☐	0.000	-34.528	429863.19	0.0678	P	2.4
3	☐	1000.000	1106.556	463486.52	0.0724	P	1.4
4	☐	2500.000	2919.522	506548.79	0.0797	P	0.6
5	☐	5000.000	5816.344	585145.98	0.0914	P	0.3
6	☐	10000.000	12012.913	735657.24	0.1164	P	0.8
7	☐	20000.000	18731.689	927682.09	0.1435	A	3.4
8	☐			389151.36	0.0612	P	1.5

$$y = 4.0327E-006 * x + 0.0680$$

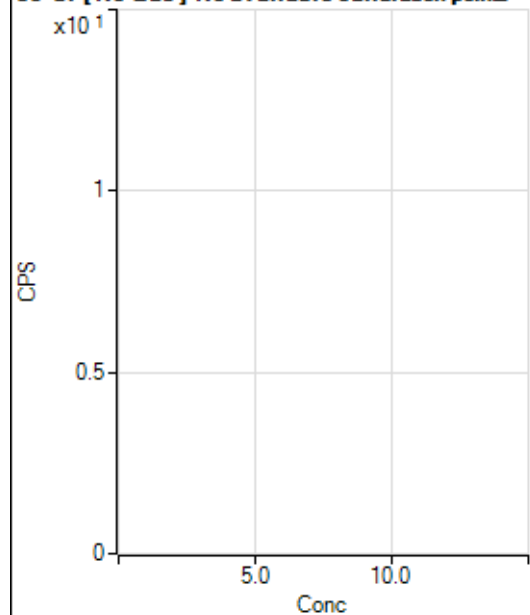
$$R = 0.9909$$

$$DL = 1648$$

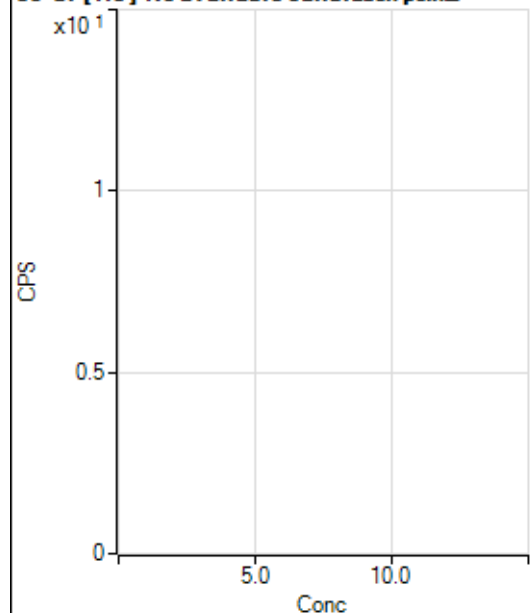
$$BEC = 1.685E+04$$

Weight: <None>

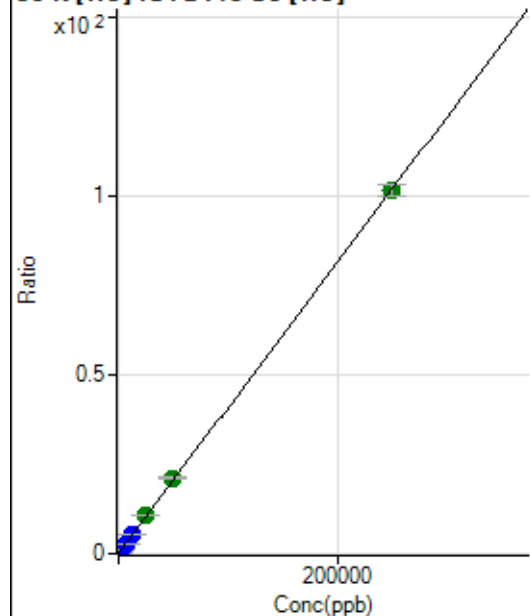
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			594920.87		P	0.7
2	☐			555633.35		P	0.8
3	☐			588530.57		P	1.1
4	☐			576161.77		P	0.6
5	☐			566514.58		P	1.2
6	☐			550008.15		P	0.5
7	☐			543319.57		P	0.6
8	☐			543810.28		P	0.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4170.15		P	5.4
2	☐			3514.40		P	4.2
3	☐			3553.32		P	5.9
4	☐			3833.93		P	1.4
5	☐			3500.52		P	9.0
6	☐			3614.43		P	3.1
7	☐			3328.25		P	0.5
8	☐			3497.73		P	7.2

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22954.78	0.1315	P	2.7
2	☐	500.000	478.255	57584.65	0.3259	P	1.6
3	☐	2500.000	2545.518	206459.03	1.1661	P	4.4
4	☐	6250.000	6350.065	482215.83	2.7123	P	2.6
5	☐	12500.000	12895.269	936623.68	5.3724	P	6.1
6	☐	25000.000	26550.582	1917062.37	10.9223	A	1.3
7	☐	50000.000	51890.864	3792995.79	21.2211	A	4.2
8	☐	250000.00	249444.09	18032092.24	101.5111	A	3.2

$$y = 4.0642\text{E-}004 * x + 0.1315$$

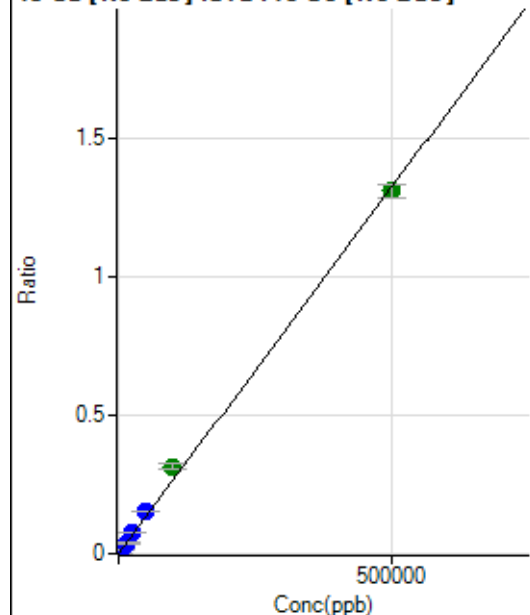
$$R = 1.0000$$

$$DL = 26.27$$

$$BEC = 323.6$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.82	0.0000	P	14.6
2	☐	500.000	511.458	8701.97	0.0014	P	2.9
3	☐	5000.000	5772.377	97993.04	0.0153	P	1.0
4	☐	12500.000	14415.704	242761.47	0.0382	P	0.9
5	☐	25000.000	28352.525	480931.00	0.0751	P	1.0
6	☐	50000.000	57573.150	964209.19	0.1526	P	1.3
7	☐	100000.00	119179.39	2040804.20	0.3158	A	5.0
8	☐	500000.00	495183.55	8333449.37	1.3120	A	3.9

$$y = 2.6495E-006 * x + 1.7951E-005$$

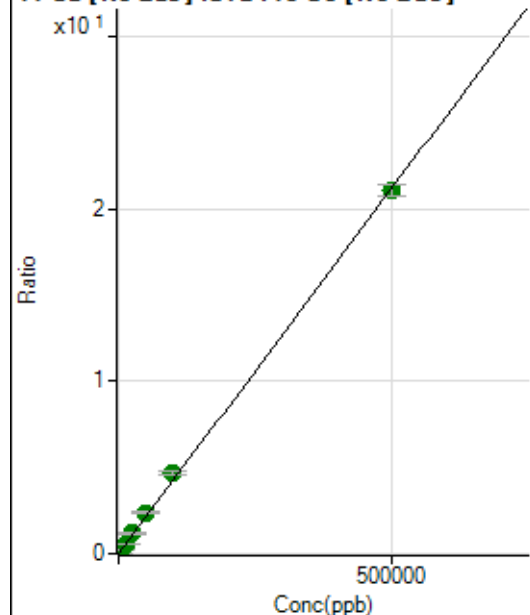
$$R = 0.9992$$

$$DL = 2.977$$

$$BEC = 6.775$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17227.26	0.0028	P	3.3
2	☐	500.000	506.619	153826.29	0.0243	P	2.1
3	☐	5000.000	5675.966	1558289.41	0.2435	A	2.2
4	☐	12500.000	14270.179	3862190.30	0.6080	A	2.1
5	☐	25000.000	27740.948	7548177.27	1.1793	A	1.4
6	☐	50000.000	56152.819	15070091.26	2.3842	A	2.2
7	☐	100000.00	111120.72	30480804.53	4.7154	A	4.0
8	☐	500000.00	496972.50	133899801.0	21.0795	A	3.0

$$y = 4.2410E-005 * x + 0.0028$$

$$R = 0.9997$$

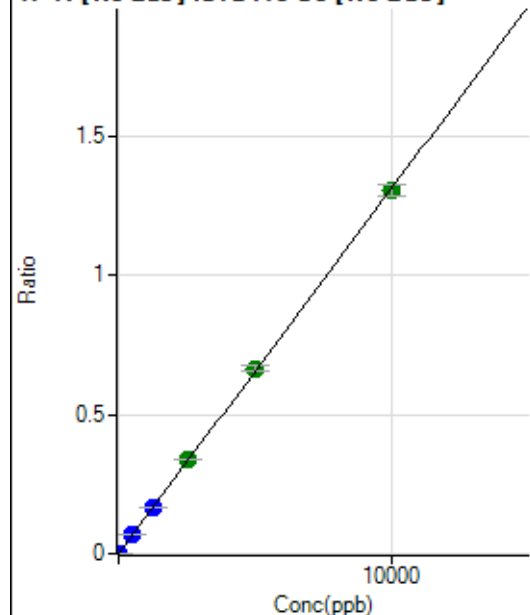
$$DL = 6.521$$

$$BEC = 65.63$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	152.78	0.0000	P	6.6
2	☐	5.000	4.590	3964.53	0.0006	P	7.3
3	☐	500.000	506.233	424533.17	0.0663	P	0.2
4	☐	1250.000	1269.858	1056698.45	0.1663	P	2.2
5	☐	2500.000	2580.326	2163375.22	0.3380	A	0.9
6	☐	5000.000	5077.295	4203472.49	0.6650	A	2.6
7	☐	10000.000	9938.477	8416646.98	1.3017	A	3.0
8	☐			1147.30	0.0002	P	18.9

$$y = 1.3098\text{E-}004 * x + 2.4704\text{E-}005$$

$$R = 0.9999$$

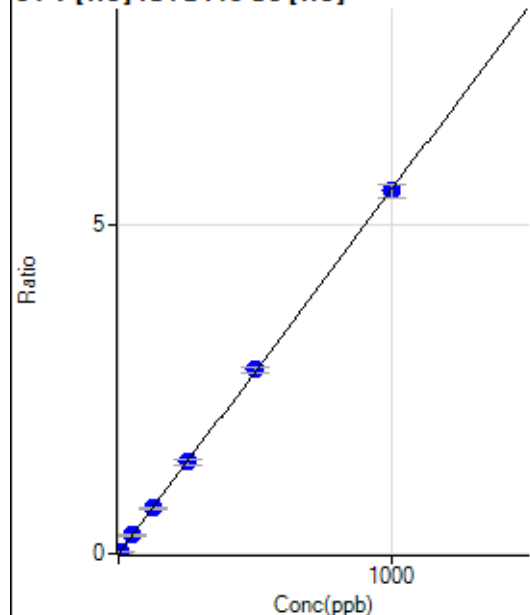
$$DL = 0.0375$$

$$BEC = 0.1886$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	5.000	4.910	4800.85	0.0272	P	0.2
3	☐	50.000	50.386	49316.99	0.2785	P	3.8
4	☐	125.000	124.374	122209.61	0.6874	P	3.6
5	☐	250.000	252.873	243666.61	1.3976	P	5.9
6	☐	500.000	505.404	490256.62	2.7933	P	2.5
7	☐	1000.000	996.639	984574.81	5.5083	P	3.5
8	☐			312.23	0.0018	P	5.4

$$y = 0.0055 * x + 2.5528\text{E-}005$$

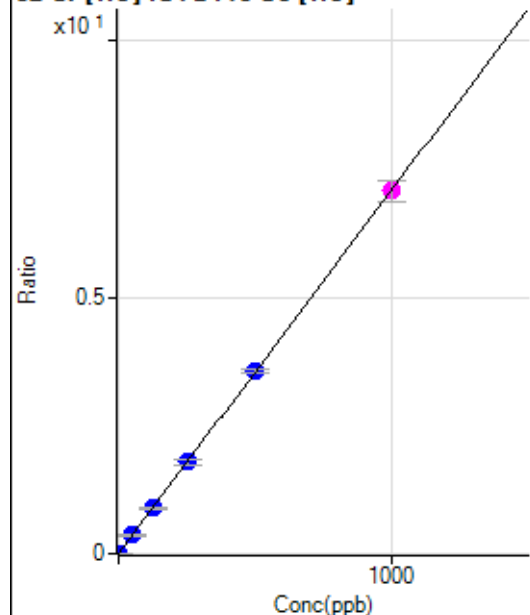
$$R = 1.0000$$

$$DL = 0.012$$

$$BEC = 0.004619$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	622.24	0.0036	P	7.4
2	☐	2.000	2.009	3140.38	0.0178	P	5.5
3	☐	50.000	50.149	63469.02	0.3584	P	3.3
4	☐	125.000	124.036	156653.22	0.8811	P	2.4
5	☐	250.000	251.714	311139.61	1.7844	P	5.5
6	☐	500.000	502.591	624702.51	3.5594	P	1.5
7	☐	1000.000	998.389	1263100.60	7.0671	M	5.6
8	☐			9810.09	0.0552	P	4.8

$$y = 0.0071 * x + 0.0036$$

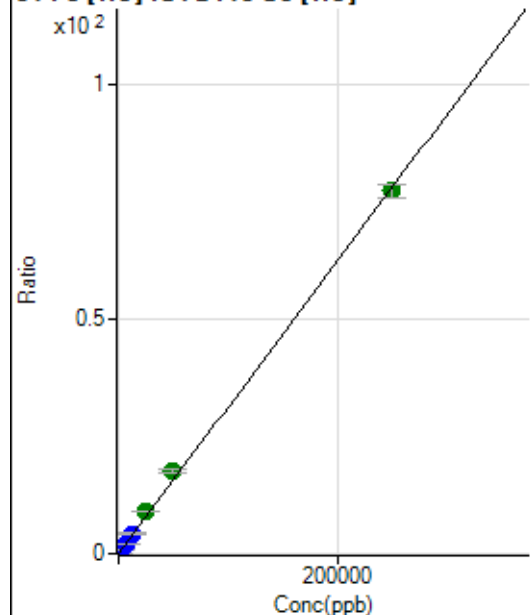
$$R = 1.0000$$

$$DL = 0.1114$$

$$BEC = 0.5038$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	607.43	0.0035	P	14.2
2	☐	50.000	51.629	3456.03	0.0196	P	3.3
3	☐	2500.000	2723.211	150787.44	0.8514	P	4.4
4	☐	6250.000	6639.601	368187.10	2.0709	P	2.7
5	☐	12500.000	13446.965	730582.69	4.1906	P	6.1
6	☐	25000.000	28686.430	1568307.11	8.9359	A	1.2
7	☐	50000.000	56409.867	3140278.37	17.5685	A	3.0
8	☐	250000.00	248290.06	13733757.02	77.3167	A	3.5

$$y = 3.1138E-004 * x + 0.0035$$

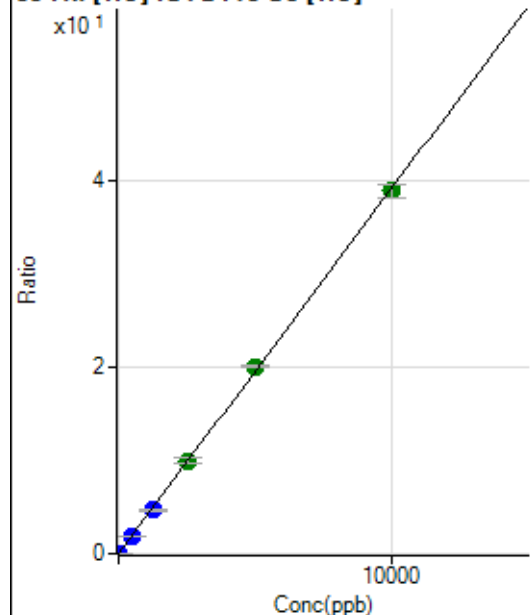
$$R = 0.9996$$

$$DL = 4.746$$

$$BEC = 11.17$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.56	0.0004	P	15.2
2	☐	1.000	1.021	772.25	0.0044	P	7.7
3	☐	500.000	477.707	331029.10	1.8691	P	3.3
4	☐	1250.000	1201.066	835375.00	4.6988	P	2.9
5	☐	2500.000	2540.332	1732318.13	9.9379	A	6.8
6	☐	5000.000	5122.094	3516914.36	20.0374	A	1.3
7	☐	10000.000	9936.102	6947599.06	38.8692	A	3.6
8	☐			3098.14	0.0174	P	3.9

$$y = 0.0039 * x + 3.7574E-004$$

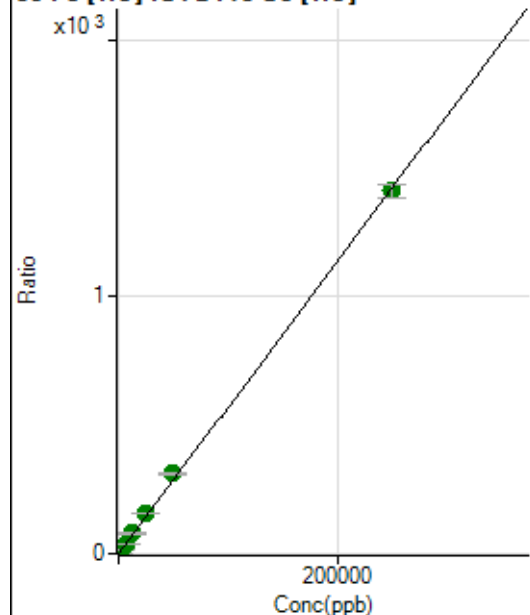
$$R = 0.9999$$

$$DL = 0.04382$$

$$BEC = 0.09605$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4247.00	0.0243	P	4.4
2	☐	50.000	51.372	55829.64	0.3159	P	1.3
3	☐	2500.000	2819.234	2837439.50	16.0261	A	4.4
4	☐	6250.000	6958.181	7025980.60	39.5185	A	2.4
5	☐	12500.000	13923.144	13785630.17	79.0511	A	5.0
6	☐	25000.000	27895.348	27793056.18	158.3563	A	1.8
7	☐	50000.000	54844.232	55643994.76	311.3162	A	3.6
8	☐	250000.00	248649.56	250689127.8	1,411.341	A	3.9

$$y = 0.0057 * x + 0.0243$$

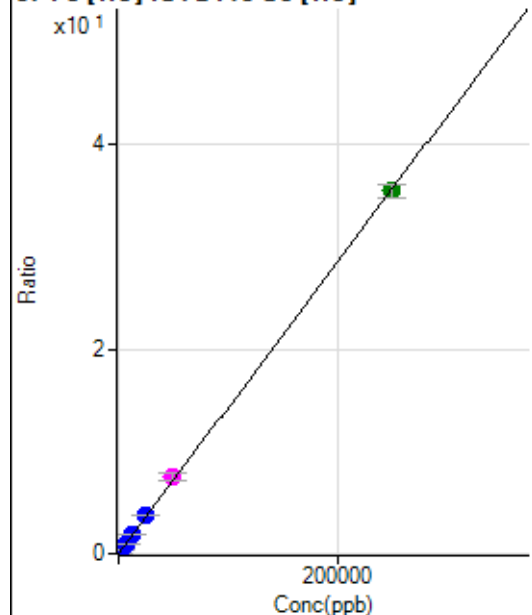
$$R = 0.9998$$

$$DL = 0.5715$$

$$BEC = 4.286$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	170.38	0.0010	P	23.3
2	☐	50.000	50.499	1444.54	0.0082	P	10.5
3	☐	2500.000	2627.939	66471.27	0.3754	P	3.7
4	☐	6250.000	6448.477	163497.41	0.9197	P	3.5
5	☐	12500.000	13287.354	330242.89	1.8940	P	5.6
6	☐	25000.000	26446.192	661430.28	3.7687	P	1.8
7	☐	50000.000	52724.020	1342623.01	7.5125	M	8.1
8	☐	250000.00	249264.96	6308365.65	35.5133	A	3.4

$$y = 1.4247\text{E-}004 * x + 9.7661\text{E-}004$$

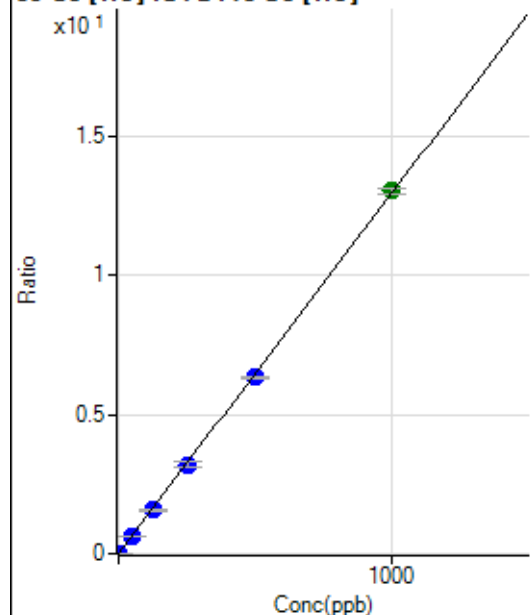
$$R = 0.9999$$

$$DL = 4.798$$

$$BEC = 6.855$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	51.11	0.0003	P	13.6
2	☐	1.000	0.977	2285.76	0.0129	P	4.2
3	☐	50.000	49.054	112541.19	0.6354	P	3.3
4	☐	125.000	121.068	278742.18	1.5679	P	2.8
5	☐	250.000	247.711	559155.14	3.2076	P	6.5
6	☐	500.000	488.384	1109881.37	6.3238	P	1.5
7	☐	1000.000	1006.919	2330534.69	13.0377	A	1.9
8	☐			1815.69	0.0102	P	7.1

$$y = 0.0129 * x + 2.9279\text{E-}004$$

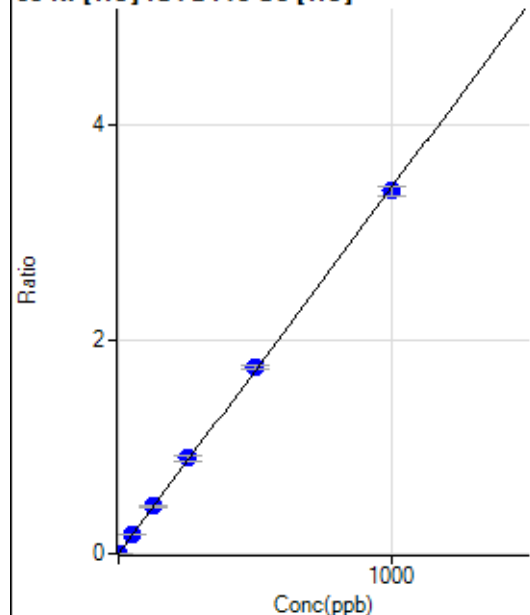
$$R = 0.9999$$

$$DL = 0.0092$$

$$BEC = 0.02261$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0006	P	14.7
2	☐	1.000	0.982	700.02	0.0040	P	6.2
3	☐	50.000	52.175	31664.31	0.1788	P	2.4
4	☐	125.000	128.973	78400.29	0.4410	P	2.4
5	☐	250.000	260.428	155151.81	0.8898	P	5.5
6	☐	500.000	511.273	306485.05	1.7463	P	1.8
7	☐	1000.000	991.151	605027.78	3.3848	P	2.8
8	☐			1757.90	0.0099	P	3.8

$$y = 0.0034 * x + 6.0457E-004$$

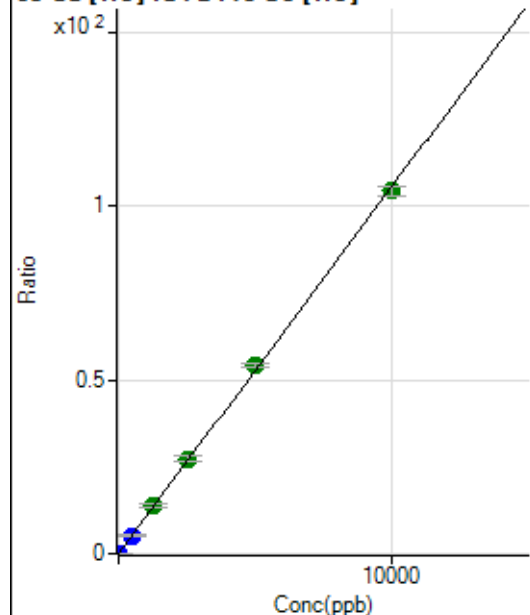
$$R = 0.9998$$

$$DL = 0.07822$$

$$BEC = 0.1771$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	977.82	0.0056	P	2.9
2	☐	2.000	1.926	4585.23	0.0259	P	2.6
3	☐	500.000	492.754	922523.83	5.2082	P	4.0
4	☐	1250.000	1311.313	2461898.40	13.8506	A	5.7
5	☐	2500.000	2593.961	4775316.73	27.3929	A	6.4
6	☐	5000.000	5145.517	9535696.32	54.3326	A	1.6
7	☐	10000.000	9896.449	18678415.28	104.4934	A	2.5
8	☐			3761.64	0.0212	P	5.3

$$y = 0.0106 * x + 0.0056$$

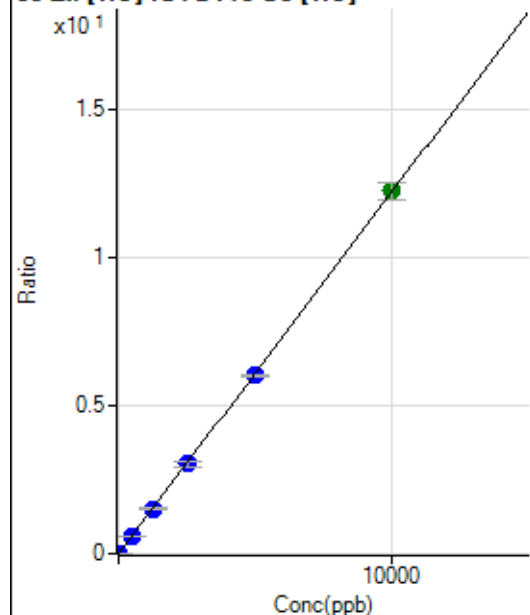
$$R = 0.9998$$

$$DL = 0.04577$$

$$BEC = 0.5306$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	148.89	0.0009	P	15.3
2	☐	2.000	2.350	657.80	0.0037	P	9.1
3	☐	500.000	498.528	107866.06	0.6089	P	2.2
4	☐	1250.000	1235.996	268159.25	1.5083	P	2.7
5	☐	2500.000	2491.440	529929.34	3.0395	P	5.9
6	☐	5000.000	4924.684	1054309.11	6.0072	P	0.8
7	☐	10000.000	10041.622	2189090.59	12.2480	A	4.5
8	☐			9247.54	0.0521	P	2.7

$$y = 0.0012 * x + 8.5329E-004$$

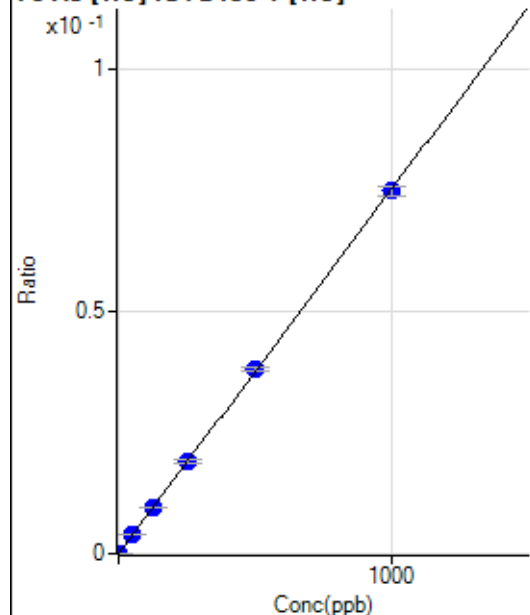
$$R = 1.0000$$

$$DL = 0.3207$$

$$BEC = 0.6996$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.67	0.0000	P	42.1
2	☐	1.000	1.000	122.34	0.0001	P	7.6
3	☐	50.000	51.926	6063.59	0.0039	P	3.0
4	☐	125.000	124.907	15033.50	0.0094	P	0.6
5	☐	250.000	253.222	29831.67	0.0191	P	6.1
6	☐	500.000	507.048	59786.89	0.0382	P	1.8
7	☐	1000.000	995.586	119912.47	0.0750	P	2.8
8	☐			31.00	0.0000	P	9.6

$$y = 7.5326E-005 * x + 1.7016E-006$$

$$R = 1.0000$$

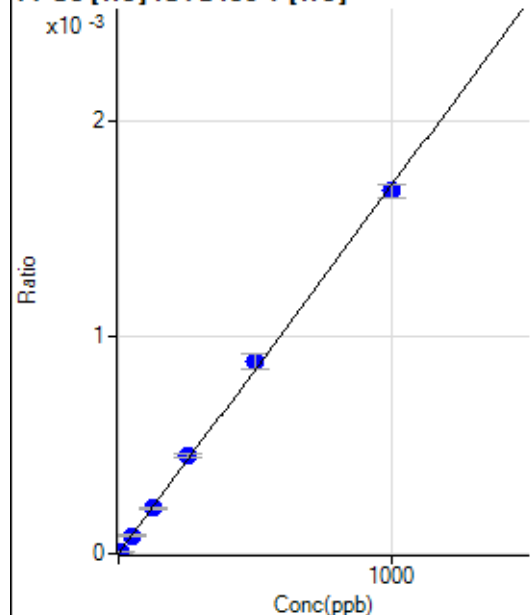
$$DL = 0.02851$$

$$BEC = 0.02259$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.523	13.33	0.0000	P	23.8
3	☐	50.000	48.560	128.89	0.0001	P	3.2
4	☐	125.000	124.013	337.78	0.0002	P	4.7
5	☐	250.000	266.170	708.91	0.0005	P	3.2
6	☐	500.000	521.606	1387.86	0.0009	P	7.9
7	☐	1000.000	985.352	2676.95	0.0017	P	3.8
8	☐			3.33	0.0000	P	100.

$$y = 1.6985\text{E-}006 * x + 7.0216\text{E-}007$$

$$R = 0.9995$$

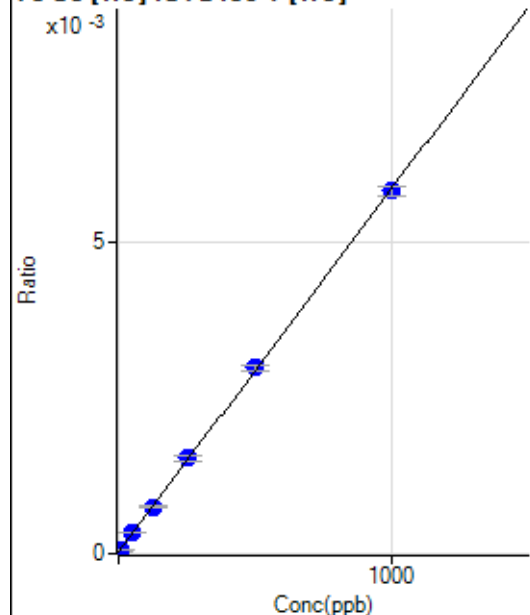
$$DL = 2.148$$

$$BEC = 0.4134$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.33	0.0000	P	3.5
2	☐	5.000	4.272	82.68	0.0001	P	9.8
3	☐	50.000	53.933	529.73	0.0003	P	1.0
4	☐	125.000	123.977	1198.50	0.0008	P	2.2
5	☐	250.000	257.918	2395.78	0.0015	P	5.9
6	☐	500.000	507.056	4673.25	0.0030	P	2.9
7	☐	1000.000	994.427	9320.36	0.0058	P	2.5
8	☐			51.67	0.0000	P	7.1

$$y = 5.8346\text{E-}006 * x + 2.7106\text{E-}005$$

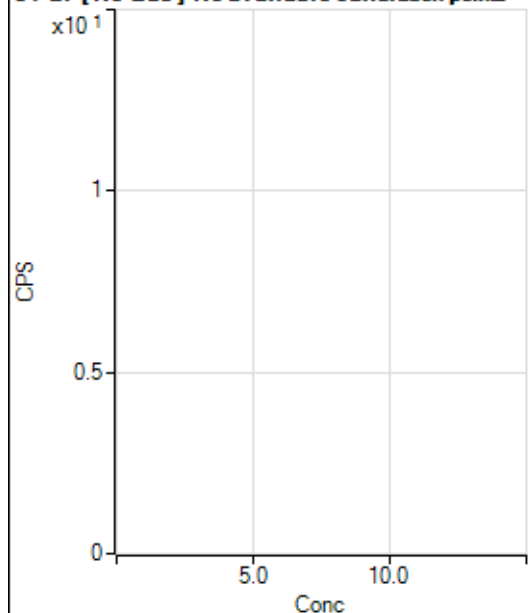
$$R = 0.9999$$

$$DL = 0.4913$$

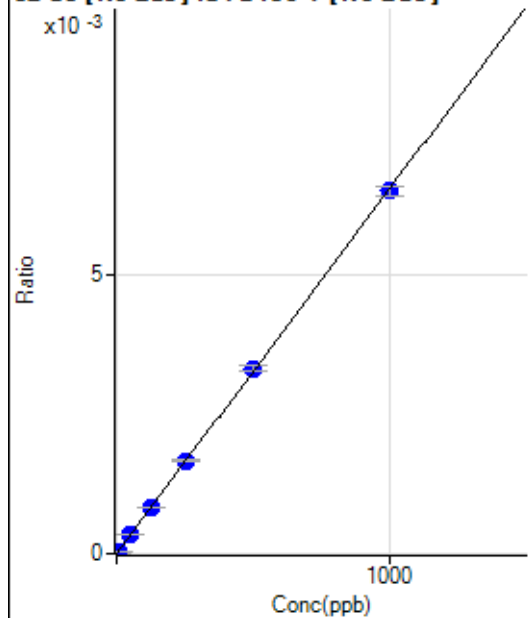
$$BEC = 4.646$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33488.32		P	1.4
2	☐			34126.08		P	0.8
3	☐			34120.26		P	3.8
4	☐			33602.47		P	1.7
5	☐			33193.07		P	0.8
6	☐			33184.59		P	2.2
7	☐			33009.32		P	1.6
8	☐			34373.83		P	3.1

82 Se [No Gas] ISTD: 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.83	0.0000	P	472.
2	☐	5.000	5.217	539.96	0.0000	P	9.8
3	☐	50.000	52.226	5404.25	0.0003	P	2.2
4	☐	125.000	126.642	13269.07	0.0008	P	1.1
5	☐	250.000	255.024	26559.02	0.0017	P	2.1
6	☐	500.000	507.347	52680.71	0.0033	P	3.0
7	☐	1000.000	994.753	103624.41	0.0065	P	2.4
8	☐			97.91	0.0000	P	37.3

$$y = 6.5388\text{E-}006 * x + 4.2043\text{E-}007$$

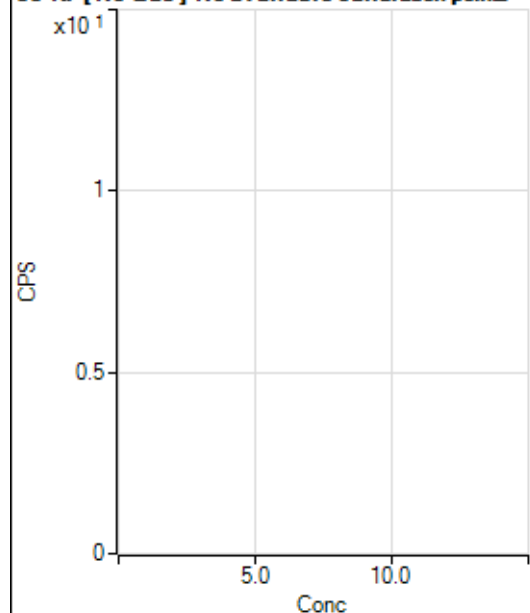
$$R = 0.9999$$

$$DL = 0.9122$$

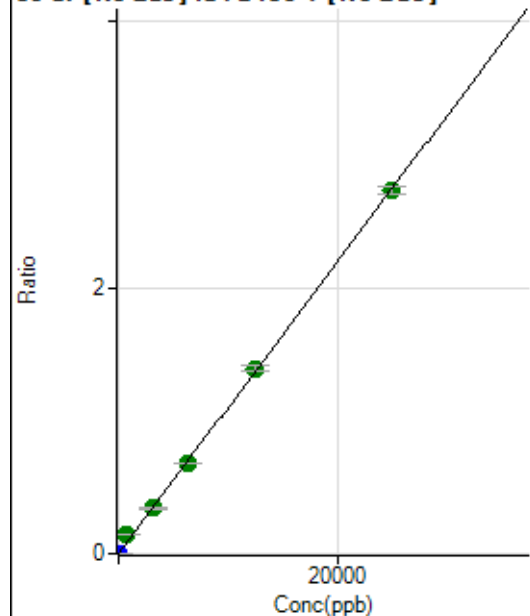
$$BEC = 0.0643$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			310.80		P	6.4
2	☐			325.38		P	4.6
3	☐			318.30		P	8.7
4	☐			295.39		P	7.5
5	☐			323.30		P	5.1
6	☐			325.38		P	2.4
7	☐			312.05		P	4.1
8	☐			336.21		P	2.0

86 Sr [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	544.47	0.0000	P	14.3
2	☐	1.000	0.950	2191.90	0.0001	P	1.9
3	☐	625.000	1268.793	2197134.88	0.1390	A	0.6
4	☐	3125.000	3113.978	5462002.85	0.3411	A	2.8
5	☐	6250.000	6219.428	10848718.73	0.6812	A	0.4
6	☐	12500.000	12691.596	22070503.10	1.3901	A	3.4
7	☐	25000.000	24897.128	43442492.29	2.7269	A	2.1
8	☐			11279.83	0.0007	P	7.5

$$y = 1.0952E-004 * x + 3.6145E-005$$

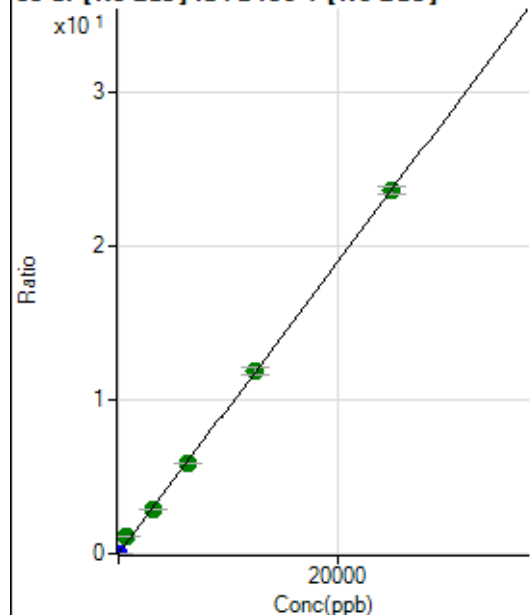
$$R = 0.9996$$

$$DL = 0.1413$$

$$BEC = 0.33$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0000	P	37.1
2	☐	1.000	0.955	14382.78	0.0009	P	2.7
3	☐	625.000	1237.459	18515916.38	1.1714	A	0.6
4	☐	3125.000	3082.362	46728812.50	2.9178	A	1.3
5	☐	6250.000	6260.723	94376912.53	5.9264	A	0.6
6	☐	12500.000	12569.047	188902512.5	11.8979	A	3.9
7	☐	25000.000	24952.814	376303663.9	23.6204	A	2.0
8	☐			93900.90	0.0059	P	9.0

$$y = 9.4660\text{E-}004 * x + 1.5771\text{E-}005$$

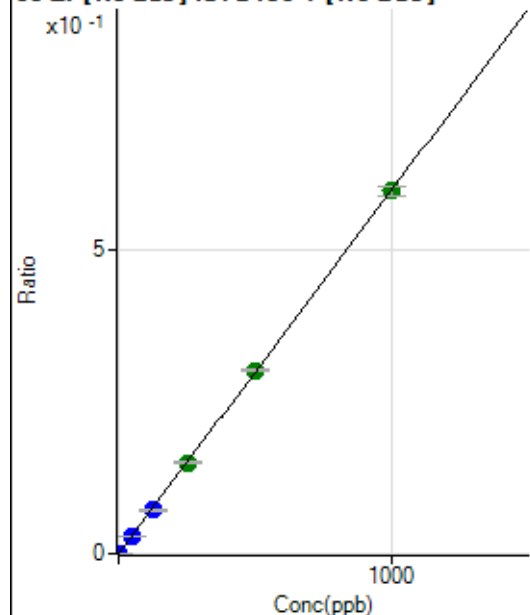
$$R = 0.9997$$

$$DL = 0.01857$$

$$BEC = 0.01666$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	588.92	0.0000	P	5.1
2	☐	1.000	0.910	9111.57	0.0006	P	3.3
3	☐	50.000	48.558	459329.75	0.0291	P	0.9
4	☐	125.000	119.944	1148525.37	0.0717	P	2.0
5	☐	250.000	250.060	2380533.21	0.1495	A	1.0
6	☐	500.000	504.807	4792018.12	0.3017	A	0.9
7	☐	1000.000	998.286	9505017.75	0.5967	A	2.8
8	☐			2241.93	0.0001	P	13.6

$$y = 5.9765\text{E-}004 * x + 3.8915\text{E-}005$$

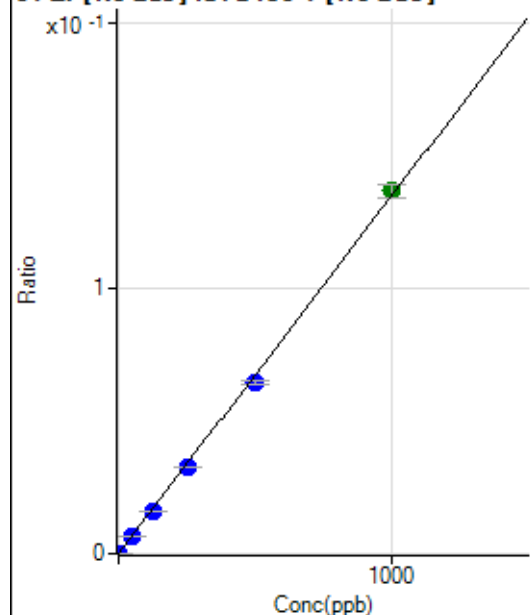
$$R = 1.0000$$

$$DL = 0.00994$$

$$BEC = 0.06511$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	16.5
2	☐	1.000	0.974	2125.22	0.0001	P	8.1
3	☐	50.000	47.903	102132.21	0.0065	P	0.5
4	☐	125.000	118.840	256582.89	0.0160	P	1.7
5	☐	250.000	240.503	516288.55	0.0324	P	0.6
6	☐	500.000	477.811	1022786.71	0.0644	P	1.5
7	☐	1000.000	1014.343	2177730.99	0.1367	A	3.9
8	☐			527.80	0.0000	P	2.8

$$y = 1.3478\text{E-}004 * x + 4.5854\text{E-}006$$

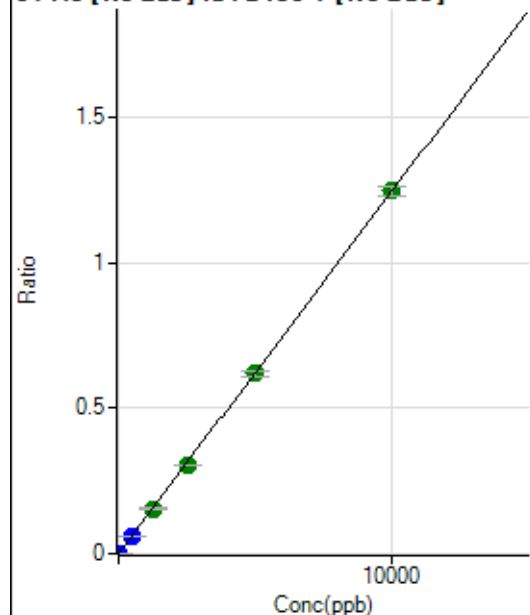
$$R = 0.9996$$

$$DL = 0.01686$$

$$BEC = 0.03402$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.34	0.0000	P	17.2
2	☐	5.000	5.315	10476.43	0.0007	P	2.1
3	☐	500.000	496.953	977148.50	0.0618	P	0.8
4	☐	1250.000	1242.657	2475145.28	0.1546	A	2.2
5	☐	2500.000	2446.831	4846493.73	0.3043	A	0.9
6	☐	5000.000	4980.463	9835272.01	0.6194	A	3.1
7	☐	10000.000	10024.131	19860571.97	1.2467	A	2.5
8	☐			3850.65	0.0002	P	15.4

$$y = 1.2437\text{E-}004 * x + 8.8320\text{E-}006$$

$$R = 1.0000$$

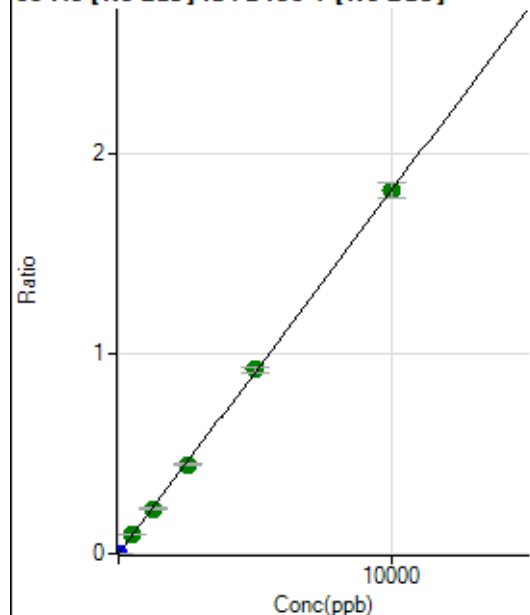
$$DL = 0.03659$$

$$BEC = 0.07101$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	60.9
2	☐	5.000	4.518	12878.55	0.0008	P	4.8
3	☐	500.000	510.850	1468346.08	0.0929	A	1.0
4	☐	1250.000	1241.042	3613715.92	0.2257	A	2.7
5	☐	2500.000	2458.129	7117960.31	0.4470	A	0.7
6	☐	5000.000	5053.814	14589865.43	0.9189	A	3.5
7	☐	10000.000	9984.138	28914963.50	1.8154	A	4.2
8	☐			4928.82	0.0003	P	21.8

$$y = 1.8183\text{E-}004 * x + 2.0542\text{E-}006$$

$$R = 1.0000$$

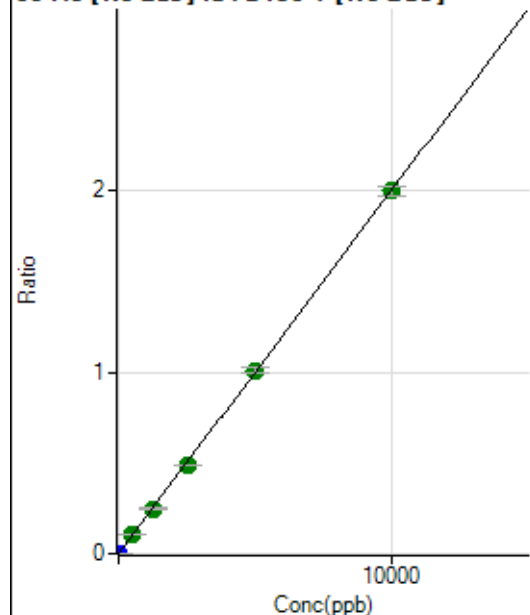
$$DL = 0.02063$$

$$BEC = 0.0113$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	50.2
2	☐	5.000	4.577	14418.97	0.0009	P	1.4
3	☐	500.000	512.033	1619044.16	0.1024	A	2.2
4	☐	1250.000	1242.431	3980050.22	0.2485	A	3.0
5	☐	2500.000	2448.786	7800857.29	0.4899	A	0.5
6	☐	5000.000	5054.377	16055051.23	1.0111	A	2.2
7	☐	10000.000	9985.960	31820820.15	1.9976	A	2.8
8	☐			9664.75	0.0006	P	6.8

$$y = 2.0004\text{E-}004 * x + 6.3801\text{E-}006$$

$$R = 1.0000$$

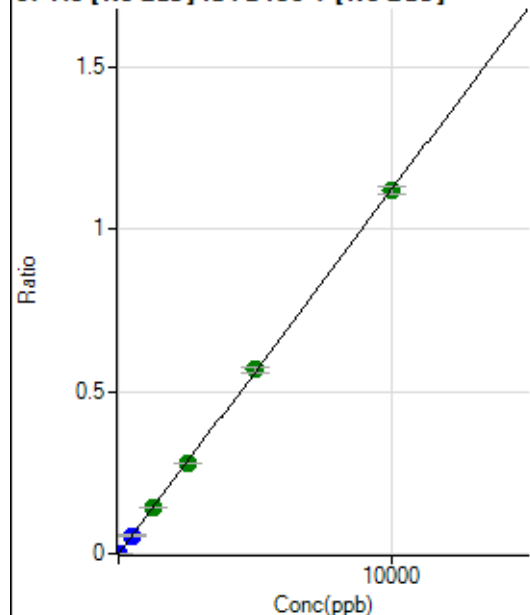
$$DL = 0.04806$$

$$BEC = 0.03189$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	60.9
2	☐	5.000	4.533	7983.08	0.0005	P	1.9
3	☐	500.000	500.394	887046.72	0.0561	P	1.2
4	☐	1250.000	1262.934	2267955.50	0.1416	A	2.5
5	☐	2500.000	2489.638	4446321.50	0.2792	A	0.6
6	☐	5000.000	5058.616	9007862.88	0.5673	A	2.7
7	☐	10000.000	9971.646	17815013.76	1.1183	A	2.2
8	☐			3147.67	0.0002	P	16.5

$$y = 1.1215\text{E-}004 * x + 2.0542\text{E-}006$$

$$R = 1.0000$$

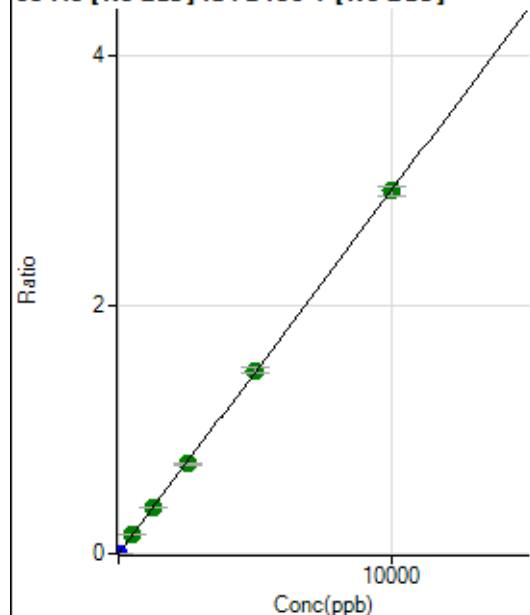
$$DL = 0.03344$$

$$BEC = 0.01832$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	69.8
2	☐	5.000	4.611	21108.19	0.0013	P	3.2
3	☐	500.000	512.149	2364317.89	0.1496	A	1.9
4	☐	1250.000	1254.723	5868771.31	0.3665	A	1.7
5	☐	2500.000	2472.413	11499404.16	0.7221	A	1.3
6	☐	5000.000	5040.588	23373651.74	1.4722	A	3.6
7	☐	10000.000	9985.405	46457476.73	2.9164	A	2.9
8	☐			7913.64	0.0005	P	14.3

$$y = 2.9207\text{E-}004 * x + 2.7726\text{E-}006$$

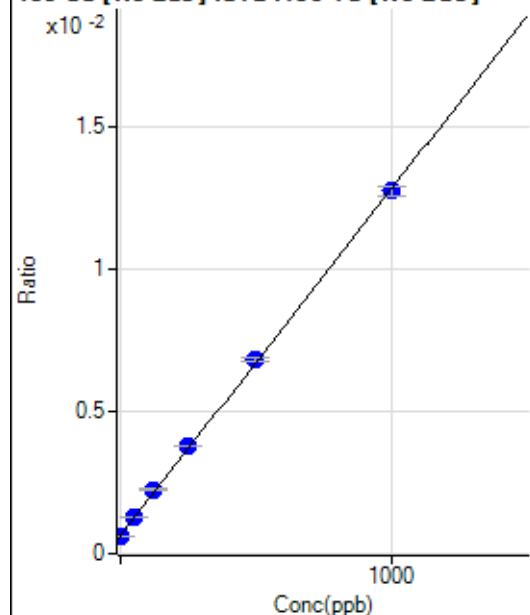
$$R = 1.0000$$

$$DL = 0.01988$$

$$BEC = 0.009493$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6754.59	0.0006	P	3.3
2	☐	1.000	1.564	7076.99	0.0006	P	0.8
3	☐	50.000	52.783	14466.36	0.0013	P	0.5
4	☐	125.000	133.294	25836.01	0.0022	P	2.4
5	☐	250.000	259.927	43455.64	0.0038	P	0.9
6	☐	500.000	507.803	79697.42	0.0068	P	1.7
7	☐	1000.000	992.440	151172.78	0.0127	P	2.8
8	☐			6546.16	0.0006	P	5.3

$$y = 1.2223\text{E-}005 * x + 6.1627\text{E-}004$$

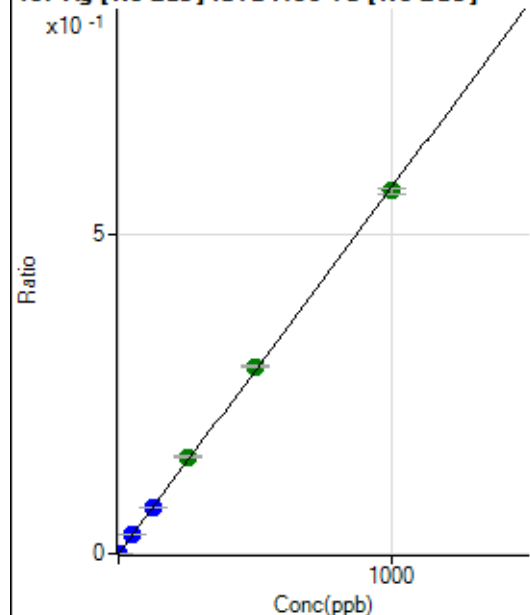
$$R = 0.9999$$

$$DL = 4.939$$

$$BEC = 50.42$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.56	0.0000	P	42.4
2	☐	1.000	1.004	6515.62	0.0006	P	5.1
3	☐	50.000	51.439	339060.49	0.0296	P	1.8
4	☐	125.000	126.348	835351.77	0.0726	P	0.8
5	☐	250.000	263.433	1734378.18	0.1514	A	1.9
6	☐	500.000	511.046	3430688.88	0.2937	A	0.8
7	☐	1000.000	990.878	6754043.77	0.5695	A	1.3
8	☐			2675.35	0.0002	P	4.4

$$y = 5.7470\text{E-}004 * x + 7.4072\text{E-}006$$

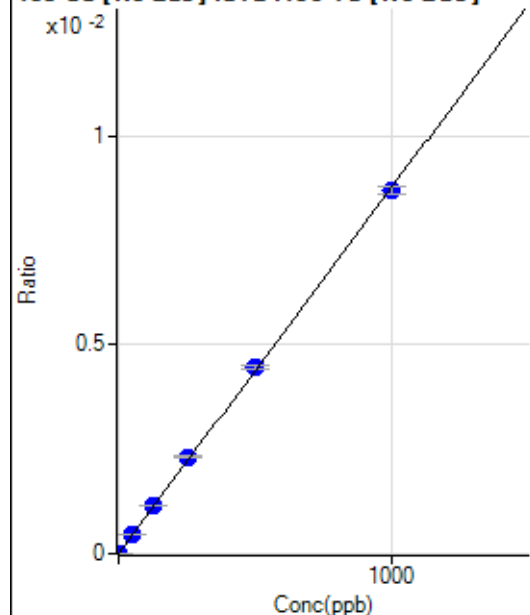
$$R = 0.9998$$

$$DL = 0.01639$$

$$BEC = 0.01289$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0000	P	13.1
2	☐	1.000	0.964	125.00	0.0000	P	2.0
3	☐	50.000	50.101	5062.10	0.0004	P	0.8
4	☐	125.000	129.843	13107.75	0.0011	P	0.9
5	☐	250.000	263.862	26493.67	0.0023	P	1.3
6	☐	500.000	509.240	52103.74	0.0045	P	1.9
7	☐	1000.000	991.304	102956.08	0.0087	P	2.1
8	☐			79.17	0.0000	P	9.2

$$y = 8.7544\text{E-}006 * x + 2.7804\text{E-}006$$

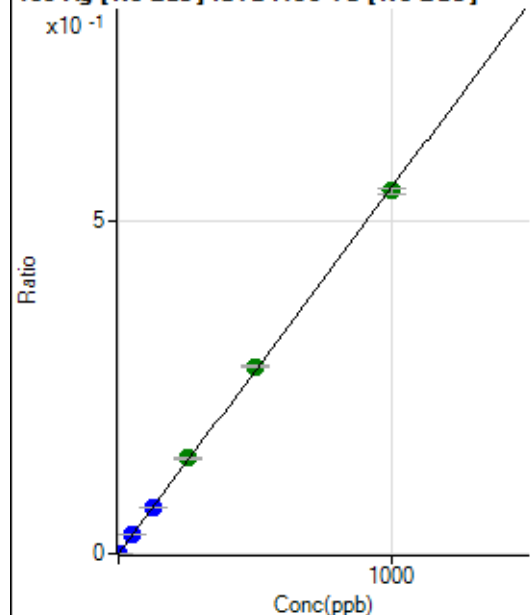
$$R = 0.9998$$

$$DL = 0.1253$$

$$BEC = 0.3176$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	21.7
2	☐	1.000	1.064	6612.89	0.0006	P	6.0
3	☐	50.000	51.013	322539.55	0.0281	P	2.6
4	☐	125.000	125.161	793823.68	0.0690	P	0.9
5	☐	250.000	261.357	1650716.58	0.1441	A	1.7
6	☐	500.000	511.424	3293362.03	0.2820	A	1.4
7	☐	1000.000	991.378	6482383.96	0.5466	A	1.3
8	☐			2494.73	0.0002	P	1.6

$$y = 5.5131\text{E-}004 * x + 7.3558\text{E-}006$$

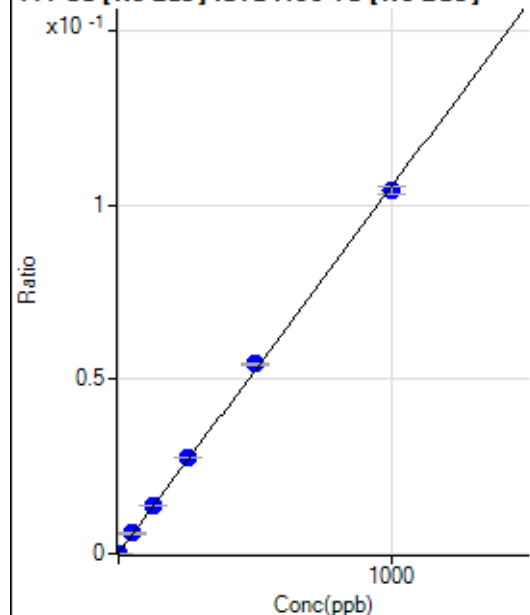
$$R = 0.9998$$

$$DL = 0.008677$$

$$BEC = 0.01334$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD:159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1340.64	0.0001	P	4.1
2	☐	1.000	1.069	2615.48	0.0002	P	2.2
3	☐	50.000	54.026	66599.38	0.0058	P	0.5
4	☐	125.000	131.308	160348.38	0.0139	P	0.6
5	☐	250.000	260.701	315668.63	0.0276	P	1.7
6	☐	500.000	515.917	635545.17	0.0544	P	0.9
7	☐	1000.000	988.376	1234895.98	0.1041	P	2.2
8	☐			1696.89	0.0001	P	6.0

$$y = 1.0523\text{E-}004 * x + 1.2232\text{E-}004$$

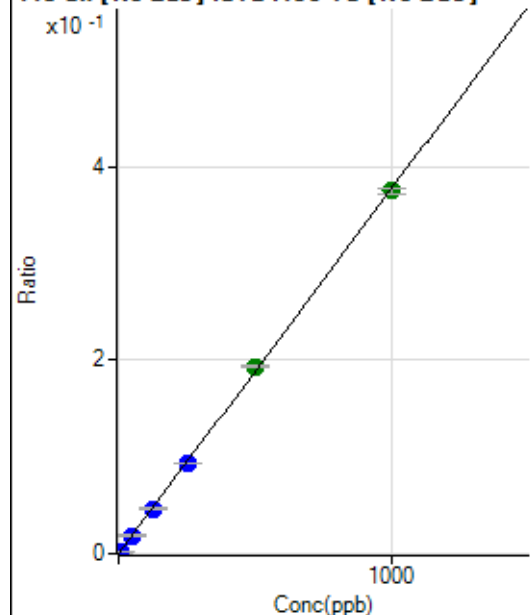
$$R = 0.9997$$

$$DL = 0.1422$$

$$BEC = 1.162$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD:159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	888.95	0.0001	P	17.2
2	☐	5.000	4.882	21436.69	0.0019	P	0.7
3	☐	50.000	49.778	216454.25	0.0189	P	1.6
4	☐	125.000	123.450	537090.66	0.0467	P	1.6
5	☐	250.000	248.292	1074849.64	0.0938	P	0.8
6	☐	500.000	512.904	2262998.55	0.1937	A	0.7
7	☐	1000.000	994.181	4452740.86	0.3754	A	1.8
8	☐			2522.54	0.0002	P	5.9

$$y = 3.7756\text{E-}004 * x + 8.1219\text{E-}005$$

$$R = 0.9999$$

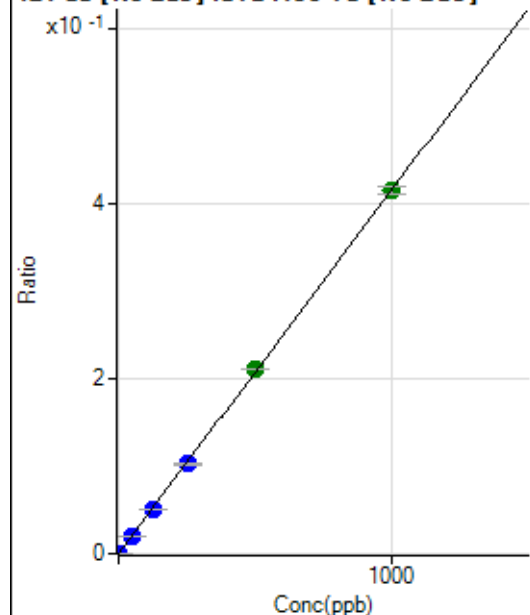
$$DL = 0.1107$$

$$BEC = 0.2151$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	66.2
2	☐	2.000	1.909	8880.90	0.0008	P	3.8
3	☐	50.000	49.844	237563.89	0.0207	P	1.2
4	☐	125.000	121.917	582838.56	0.0507	P	0.3
5	☐	250.000	246.181	1171955.16	0.1023	P	0.6
6	☐	500.000	506.098	2456636.23	0.2103	A	0.2
7	☐	1000.000	998.299	4920019.77	0.4148	A	2.3
8	☐			2589.21	0.0002	P	5.2

$$y = 4.1555\text{E-}004 * x + 4.3081\text{E-}006$$

$$R = 1.0000$$

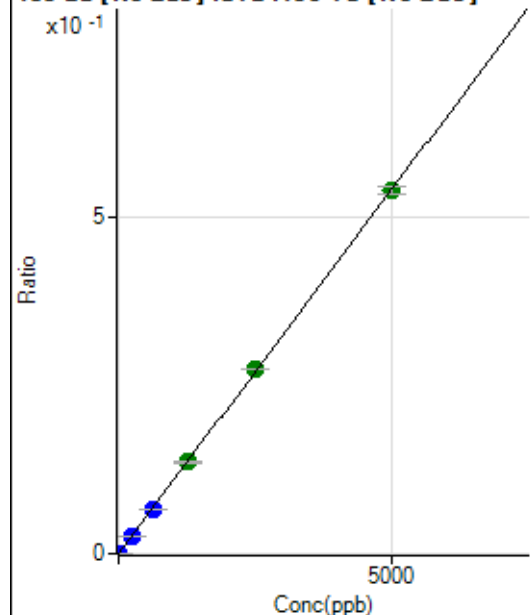
$$DL = 0.0206$$

$$BEC = 0.01037$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.4
2	☐	10.000	9.384	11330.02	0.0010	P	5.5
3	☐	250.000	242.679	301162.50	0.0263	P	2.3
4	☐	625.000	607.019	755696.47	0.0657	P	1.2
5	☐	1250.000	1261.066	1563432.66	0.1365	A	1.8
6	☐	2500.000	2530.926	3199487.38	0.2739	A	0.3
7	☐	5000.000	4984.385	6397326.92	0.5394	A	2.1
8	☐			3867.33	0.0003	P	5.8

$$y = 1.0822\text{E-}004 * x + 2.0303\text{E-}006$$

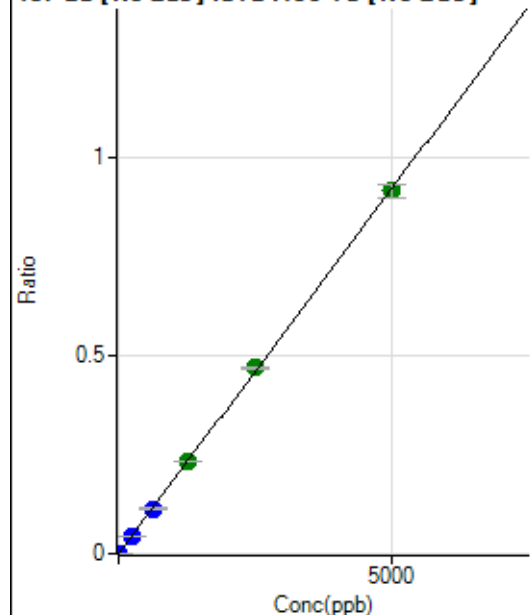
$$R = 1.0000$$

$$DL = 0.01259$$

$$BEC = 0.01876$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.89	0.0000	P	8.7
2	☐	10.000	9.432	19380.99	0.0017	P	1.3
3	☐	250.000	246.288	519235.25	0.0453	P	2.3
4	☐	625.000	614.607	1299808.69	0.1130	P	2.2
5	☐	1250.000	1263.999	2662130.68	0.2324	A	1.1
6	☐	2500.000	2546.150	5468244.79	0.4681	A	1.7
7	☐	5000.000	4974.911	10846199.46	0.9146	A	3.8
8	☐			6582.36	0.0006	P	1.1

$$y = 1.8385E-004 * x + 5.8338E-006$$

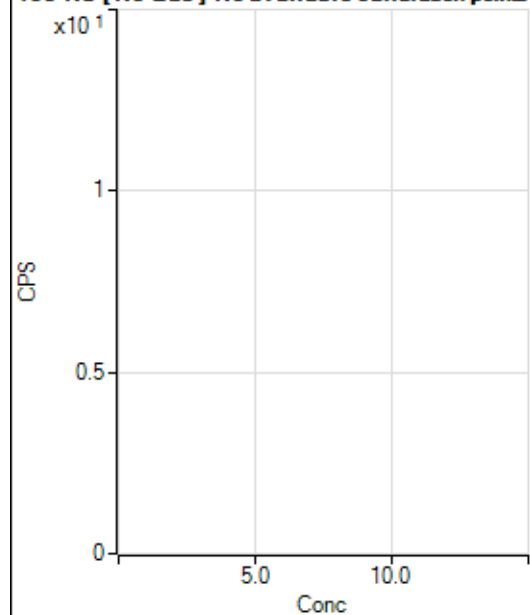
$$R = 0.9999$$

$$DL = 0.008267$$

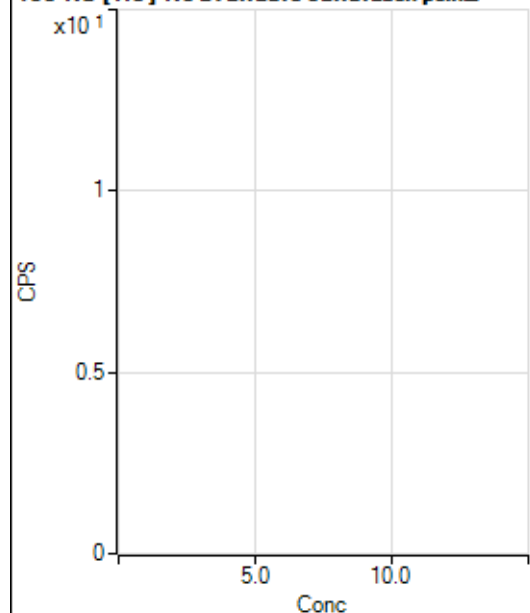
$$BEC = 0.03173$$

Weight: <None>

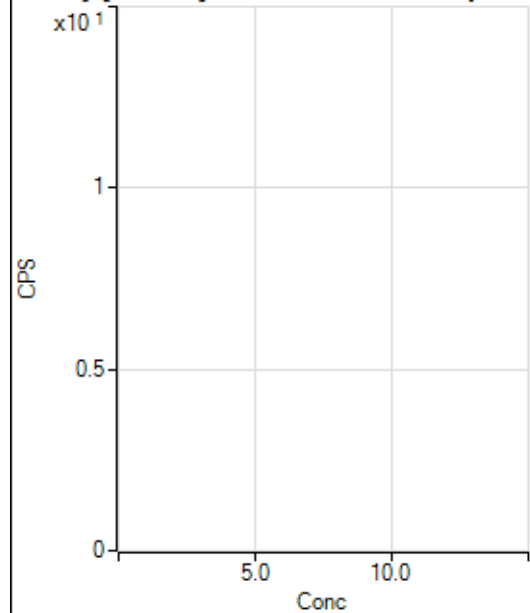
Min Conc: 0

150 Nd [No Gas] No available calibration points

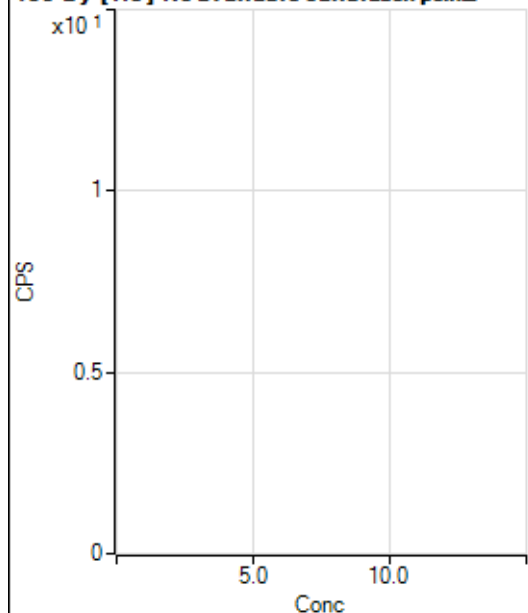
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			11.11		P	34.6
3	☐			55.56		P	30.2
4	☐			106.67		P	16.5
5	☐			193.34		P	9.1
6	☐			360.01		P	6.7
7	☐			797.82		P	6.2
8	☐			51.11		P	19.9

150 Nd [He] No available calibration points

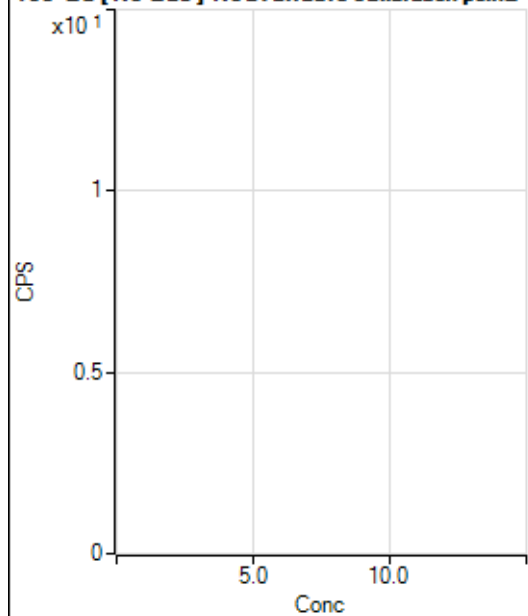
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			3.33		P	100.
4	☐			4.44		P	114.
5	☐			13.33		P	66.2
6	☐			27.78		P	30.2
7	☐			41.11		P	40.8
8	☐			11.11		P	75.5

156 Dy [No Gas] No available calibration points

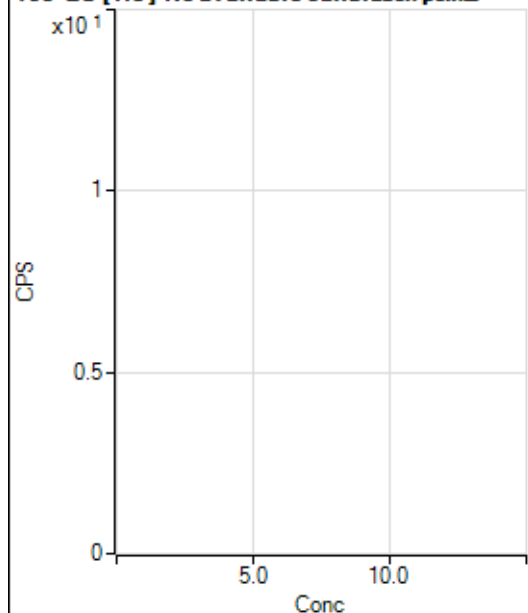
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐			13.89		P	91.6
3	☐			8.33		P	173.
4	☐			41.67		P	72.1
5	☐			141.67		P	15.6
6	☐			136.12		P	18.7
7	☐			369.46		P	3.4
8	☐			1200.09		P	9.6

156 Dy [He] No available calibration points

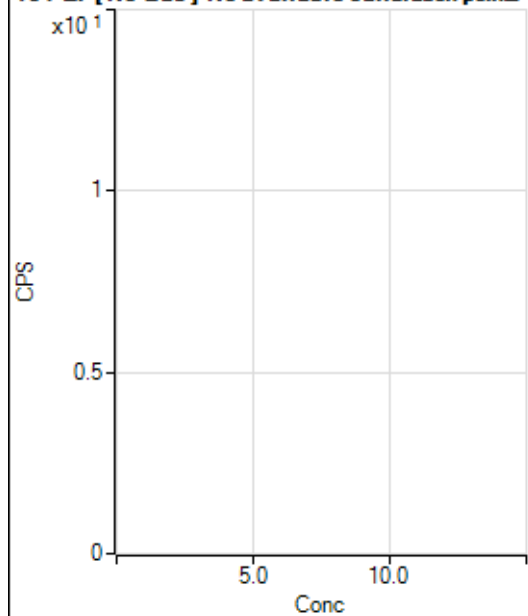
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			3.33		P	0.0
3	☐			10.00		P	33.3
4	☐			15.56		P	53.9
5	☐			37.78		P	13.5
6	☐			76.67		P	15.7
7	☐			138.89		P	11.3
8	☐			484.46		P	7.8

160 Gd [No Gas] Noavailable calibration poin_

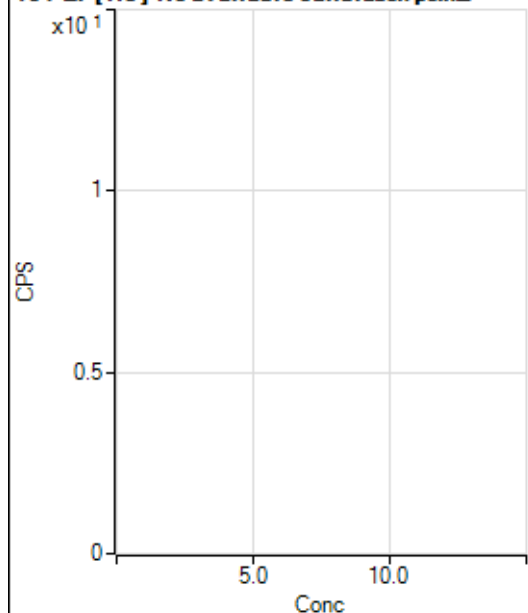
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.00		P	17.6
2	☐			111.11		P	11.5
3	☐			144.45		P	34.8
4	☐			155.56		P	32.3
5	☐			150.01		P	20.0
6	☐			250.01		P	14.5
7	☐			316.68		P	22.9
8	☐			1211.20		P	9.7

160 Gd [He] No available calibration points

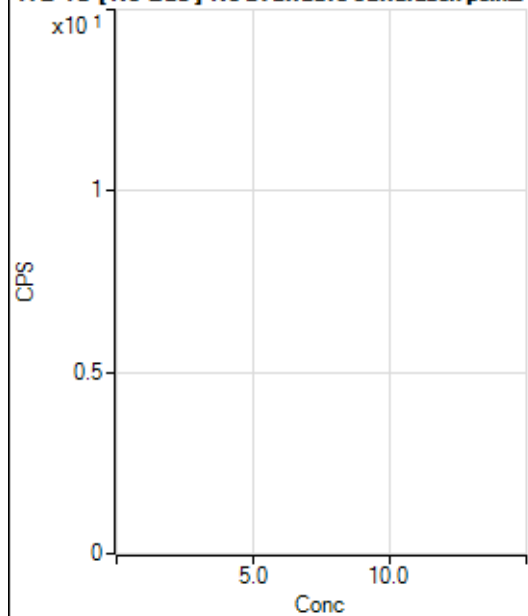
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.56		P	17.1
2	☐			105.56		P	6.6
3	☐			103.34		P	5.6
4	☐			126.67		P	13.9
5	☐			138.89		P	2.8
6	☐			174.45		P	12.3
7	☐			216.67		P	16.1
8	☐			648.91		P	6.4

164 Er [No Gas] No available calibration points

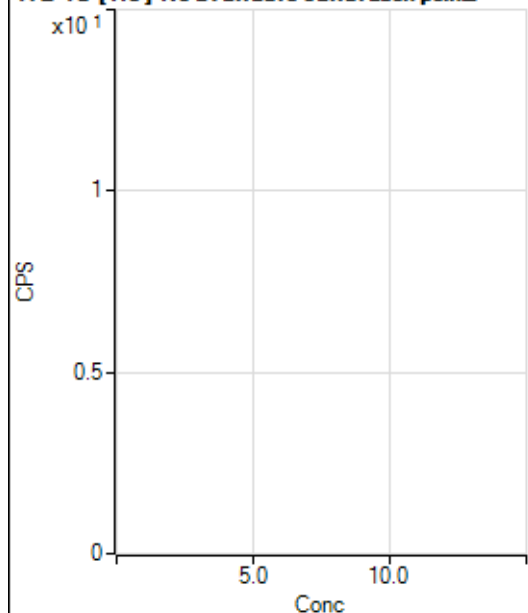
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	22.9
2	☐			119.45		P	31.5
3	☐			91.67		P	31.5
4	☐			100.00		P	16.7
5	☐			77.78		P	27.0
6	☐			63.89		P	30.1
7	☐			100.00		P	14.4
8	☐			127.78		P	19.9

164 Er [He] No available calibration points

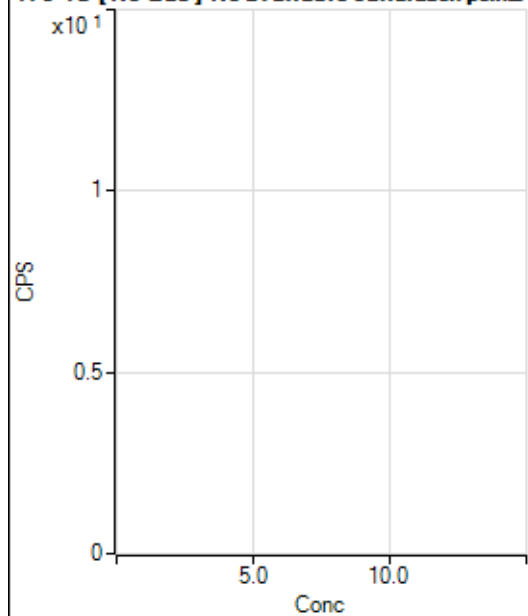
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	18.3
2	☐			25.56		P	60.2
3	☐			40.00		P	8.3
4	☐			22.22		P	52.7
5	☐			33.33		P	30.0
6	☐			36.67		P	32.8
7	☐			40.00		P	22.0
8	☐			67.78		P	27.1

172 Yb [No Gas] No available calibration points

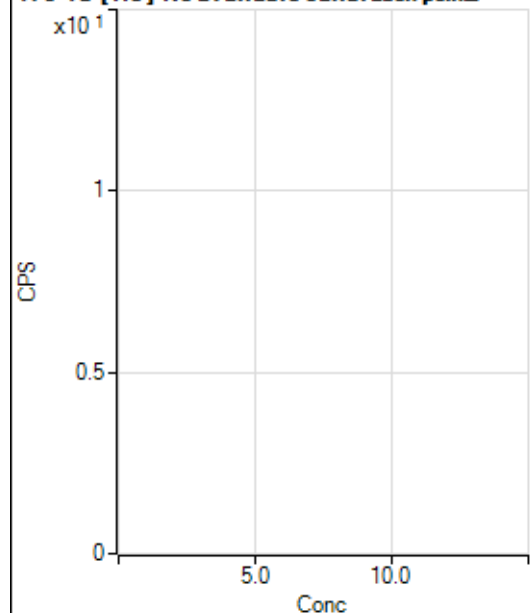
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	30.2
2	☐			58.33		P	49.5
3	☐			91.67		P	27.3
4	☐			91.67		P	24.1
5	☐			108.34		P	23.1
6	☐			100.00		P	14.4
7	☐			141.67		P	11.8
8	☐			533.36		P	18.0

172 Yb [He] No available calibration points

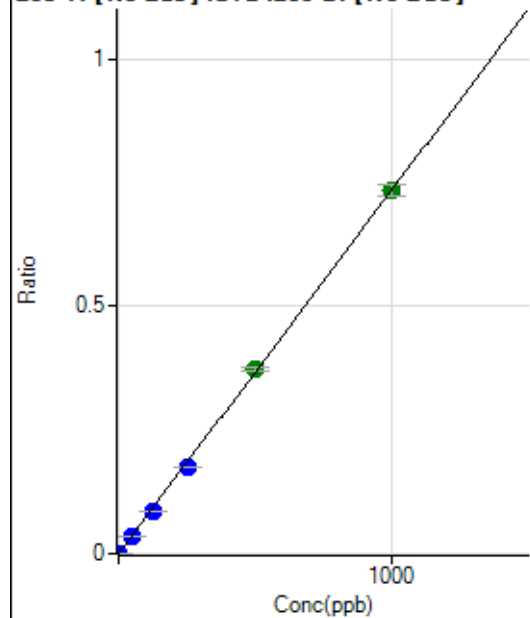
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.93		P	53.9
2	☐			29.63		P	47.2
3	☐			25.93		P	12.4
4	☐			25.93		P	44.6
5	☐			44.45		P	45.1
6	☐			35.19		P	55.5
7	☐			85.19		P	42.4
8	☐			198.15		P	8.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2269.70		P	11.3
2	☐			2228.05		P	4.6
3	☐			3242.15		P	0.3
4	☐			4948.30		P	5.0
5	☐			7204.96		P	5.5
6	☐			12022.46		P	3.4
7	☐			22850.96		P	1.0
8	☐			2411.40		P	6.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8011.83		P	2.7
2	☐			7885.85		P	1.5
3	☐			8252.74		P	5.1
4	☐			9186.71		P	2.4
5	☐			10000.28		P	3.0
6	☐			12478.30		P	1.2
7	☐			17204.08		P	0.3
8	☐			8652.99		P	2.5

203 Tl [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	138.89	0.0000	P	26.8
2	☐	1.000	0.908	4770.47	0.0007	P	3.3
3	☐	50.000	46.234	239612.52	0.0339	P	0.8
4	☐	125.000	116.876	609410.39	0.0858	P	1.7
5	☐	250.000	237.992	1232912.84	0.1747	P	0.4
6	☐	500.000	510.549	2643546.61	0.3747	A	2.1
7	☐	1000.000	998.931	5220065.57	0.7330	A	3.3
8	☐			1208.43	0.0002	P	6.7

$$y = 7.3379E-004 * x + 2.0434E-005$$

$$R = 0.9998$$

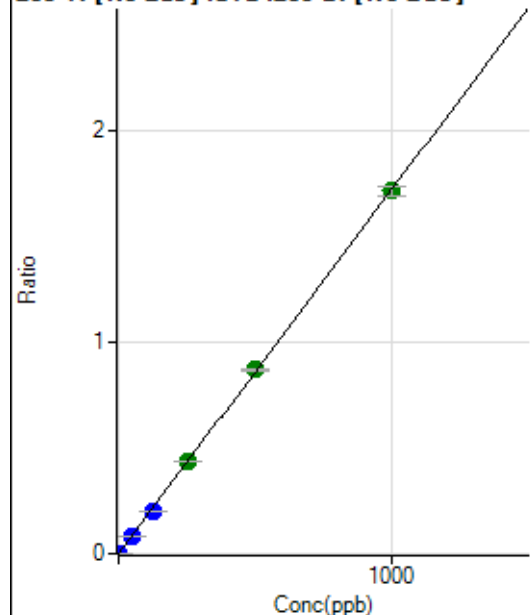
$$DL = 0.02235$$

$$BEC = 0.02785$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	372.24	0.0001	P	16.1
2	☐	1.000	0.915	11332.99	0.0016	P	1.2
3	☐	50.000	47.447	577303.22	0.0818	P	1.7
4	☐	125.000	117.668	1440489.59	0.2028	P	1.0
5	☐	250.000	254.006	3089140.91	0.4376	A	0.7
6	☐	500.000	505.437	6145079.00	0.8708	A	1.2
7	☐	1000.000	997.324	12236857.48	1.7182	A	2.8
8	☐			2853.17	0.0004	P	11.9

$$y = 0.0017 * x + 5.4758E-005$$

$$R = 0.9999$$

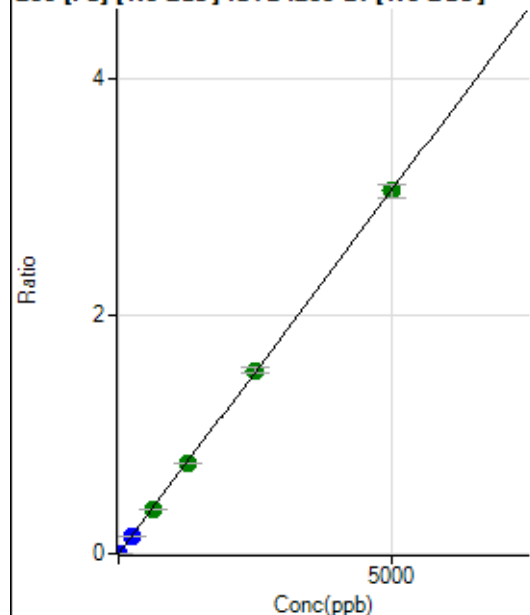
$$DL = 0.01537$$

$$BEC = 0.03178$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	622.25	0.0001	P	6.3
2	☐	1.000	0.904	4473.08	0.0006	P	5.0
3	☐	250.000	230.758	996611.73	0.1412	P	1.3
4	☐	625.000	614.327	2669398.38	0.3758	A	0.9
5	☐	1250.000	1237.917	5343920.26	0.7571	A	0.7
6	☐	2500.000	2523.905	10891138.90	1.5435	A	2.5
7	☐	5000.000	4993.365	21743700.49	3.0536	A	3.7
8	☐			4156.30	0.0006	P	9.8

$$y = 6.1150E-004 * x + 9.0904E-005$$

$$R = 1.0000$$

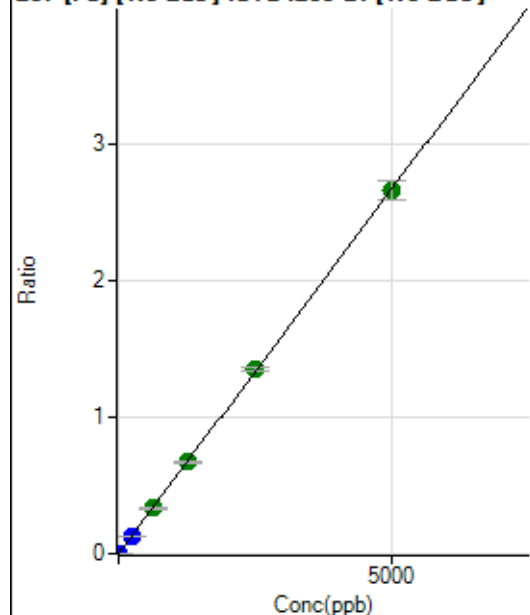
$$DL = 0.02825$$

$$BEC = 0.1487$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	588.91	0.0001	P	11.6
2	☐	1.000	0.865	3806.18	0.0005	P	1.2
3	☐	250.000	231.009	870132.49	0.1233	P	0.7
4	☐	625.000	621.203	2353969.15	0.3314	A	0.6
5	☐	1250.000	1253.837	4719854.91	0.6687	A	1.5
6	☐	2500.000	2543.448	9571090.37	1.3564	A	1.9
7	☐	5000.000	4978.741	18902060.84	2.6551	A	5.1
8	☐			3624.65	0.0006	P	8.9

$$y = 5.3327E-004 * x + 8.6479E-005$$

R = 0.9999

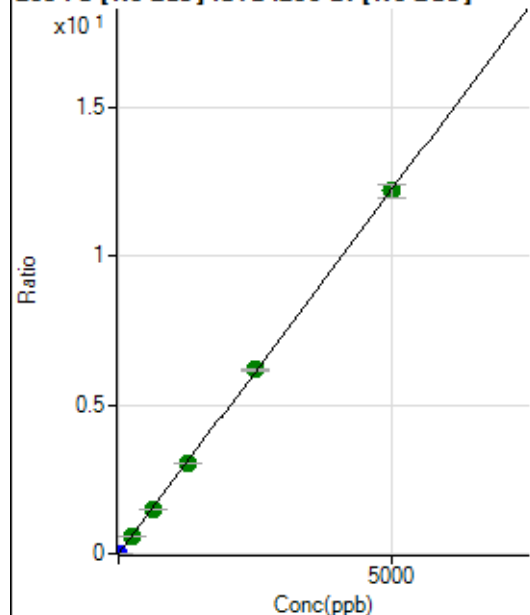
DL = 0.0563

BEC = 0.1622

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2472.36	0.0004	P	3.3
2	☐	1.000	0.881	17480.86	0.0025	P	1.7
3	☐	250.000	241.051	4160397.59	0.5894	A	0.4
4	☐	625.000	618.701	10743366.10	1.5123	A	0.3
5	☐	1250.000	1248.383	21535580.16	3.0510	A	0.8
6	☐	2500.000	2526.564	43569240.67	6.1745	A	1.9
7	☐	5000.000	4988.357	86804082.73	12.1904	A	3.8
8	☐			16441.42	0.0025	P	8.3

$$y = 0.0024 * x + 3.6209E-004$$

R = 1.0000

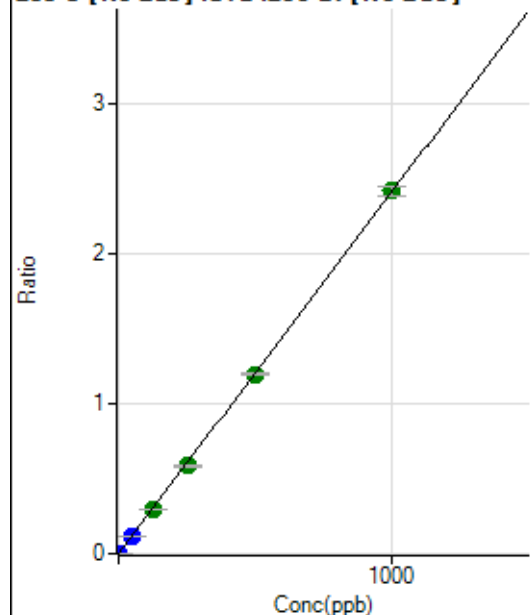
DL = 0.01487

BEC = 0.1482

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	54.5
2	☐	1.000	0.898	15056.52	0.0022	P	1.8
3	☐	50.000	45.738	777223.80	0.1101	P	1.3
4	☐	125.000	121.481	2077653.22	0.2925	A	1.2
5	☐	250.000	243.579	4138443.15	0.5864	A	2.7
6	☐	500.000	497.194	8446515.99	1.1969	A	0.9
7	☐	1000.000	1003.661	17208127.64	2.4162	A	2.8
8	☐			1302.89	0.0002	P	22.9

$$y = 0.0024 * x + 3.6227E-006$$

$$R = 1.0000$$

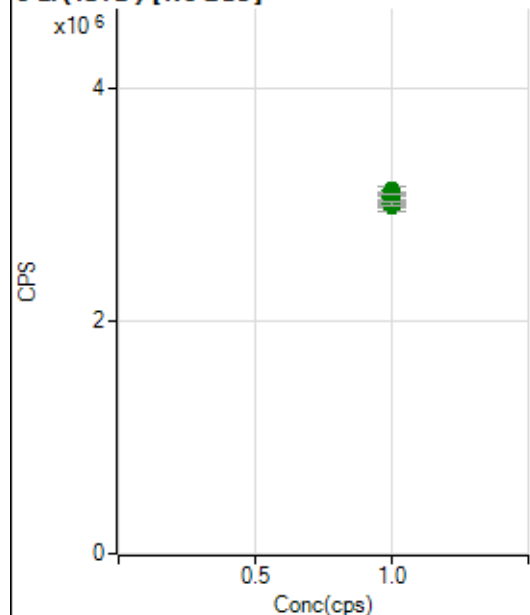
$$DL = 0.00246$$

$$BEC = 0.001505$$

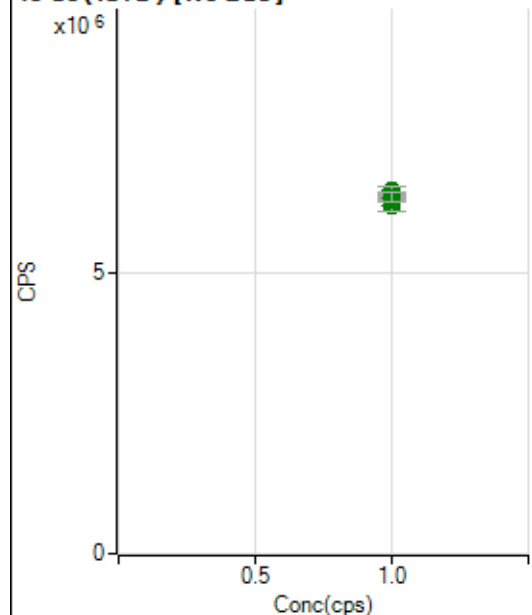
Weight: <None>

Min Conc: 0

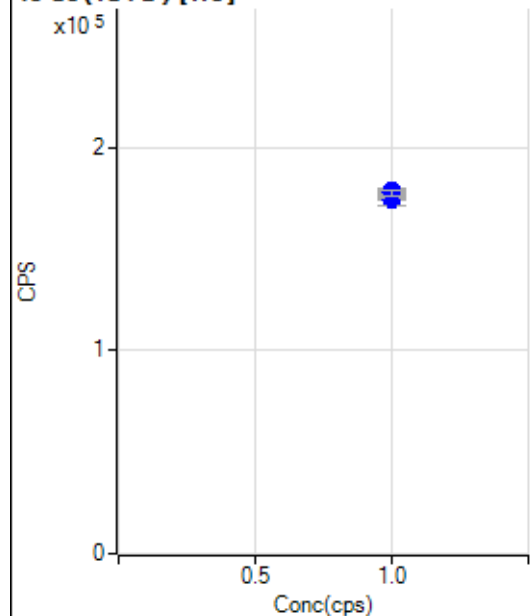
6 Li (ISTD) [No Gas]



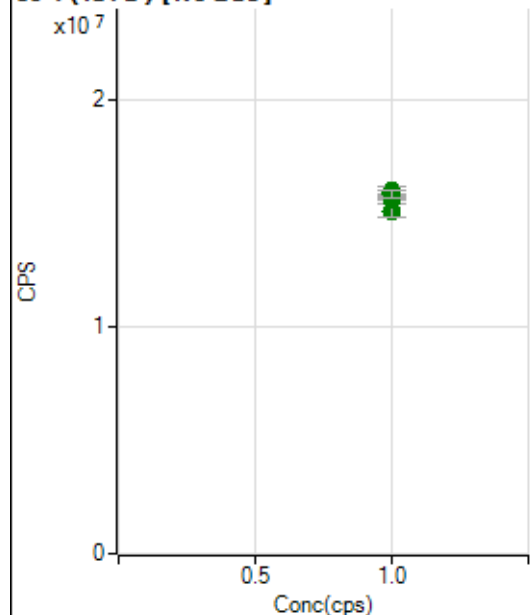
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2993441.63		A	3.7
2	☐	1.000		3004772.35		A	0.7
3	☐	1.000		3119314.28		A	2.5
4	☐	1.000		3103278.08		A	0.1
5	☐	1.000		3038427.23		A	4.3
6	☐	1.000		3054407.76		A	1.8
7	☐	1.000		3067115.73		A	1.3
8	☐	1.000		3010952.44		A	1.2

45 Sc (ISTD) [No Gas]

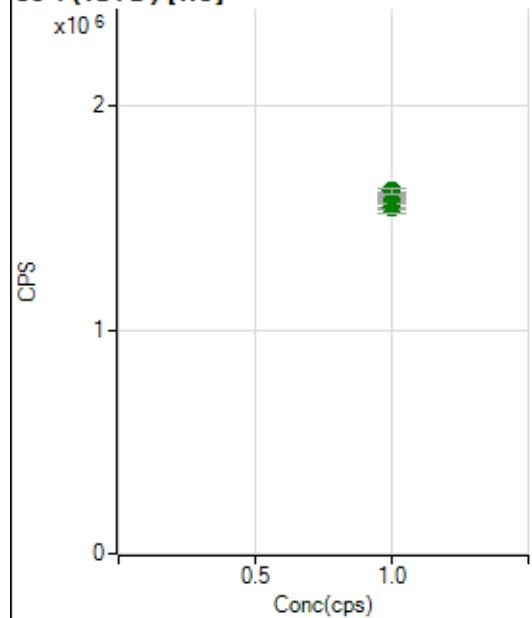
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6193775.18		A	3.4
2	☐	1.000		6340087.06		A	2.0
3	☐	1.000		6400253.86		A	1.1
4	☐	1.000		6353059.91		A	0.7
5	☐	1.000		6400871.43		A	0.5
6	☐	1.000		6319923.79		A	0.9
7	☐	1.000		6468532.75		A	2.7
8	☐	1.000		6355777.89		A	2.9

45 Sc (ISTD) [He]

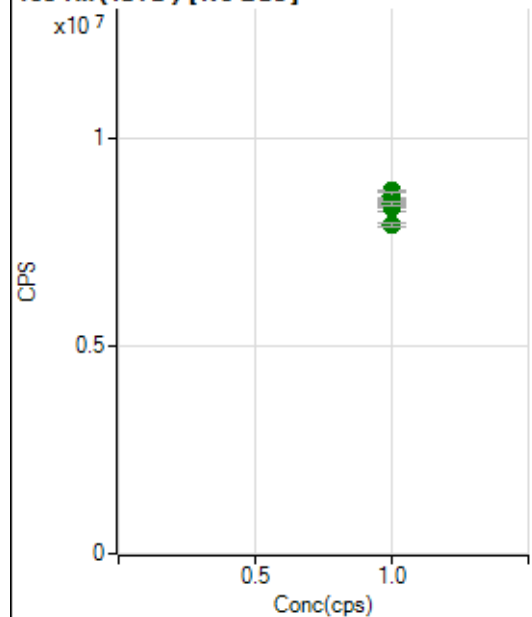
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		174562.22		P	0.5
2	☐	1.000		176728.24		P	1.2
3	☐	1.000		177223.90		P	3.4
4	☐	1.000		177821.96		P	1.1
5	☐	1.000		174610.19		P	3.8
6	☐	1.000		175512.16		P	0.7
7	☐	1.000		178770.38		P	0.8
8	☐	1.000		177686.75		P	1.4

89 Y (ISTD) [No Gas]

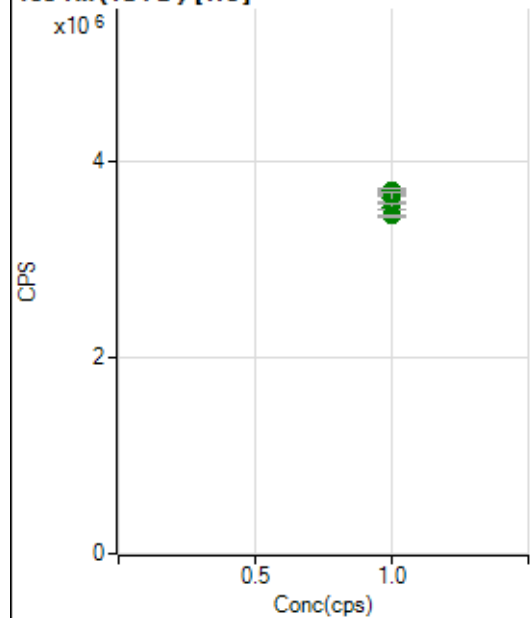
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15118952.41		A	4.0
2	☐	1.000		15639938.80		A	0.3
3	☐	1.000		15807007.82		A	0.6
4	☐	1.000		16018746.70		A	2.6
5	☐	1.000		15925311.29		A	1.1
6	☐	1.000		15882806.71		A	1.6
7	☐	1.000		15934209.07		A	1.5
8	☐	1.000		15875230.18		A	2.5

89 Y (ISTD) [He]

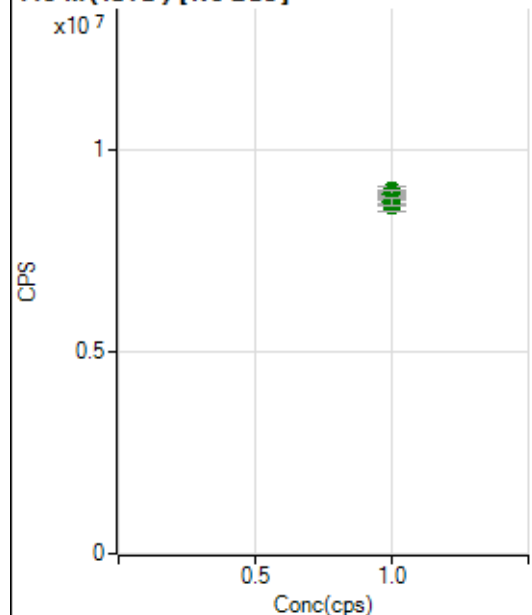
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1562543.74		A	2.1
2	☐	1.000		1587736.07		A	1.9
3	☐	1.000		1550251.99		A	3.4
4	☐	1.000		1597428.29		A	1.8
5	☐	1.000		1565861.05		A	3.3
6	☐	1.000		1565279.84		A	0.0
7	☐	1.000		1598773.29		A	0.5
8	☐	1.000		1620538.83		A	1.5

103 Rh (ISTD) [No Gas]

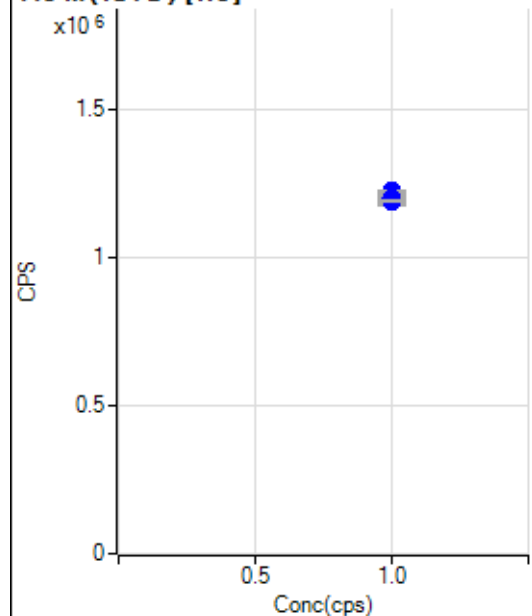
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8338485.69		A	2.2
2	☐	1.000		8504057.74		A	1.5
3	☐	1.000		8746273.98		A	0.7
4	☐	1.000		8622926.50		A	2.0
5	☐	1.000		8418969.54		A	1.0
6	☐	1.000		8334326.66		A	0.1
7	☐	1.000		8416025.80		A	1.1
8	☐	1.000		7928917.63		A	1.6

103 Rh (ISTD) [He]

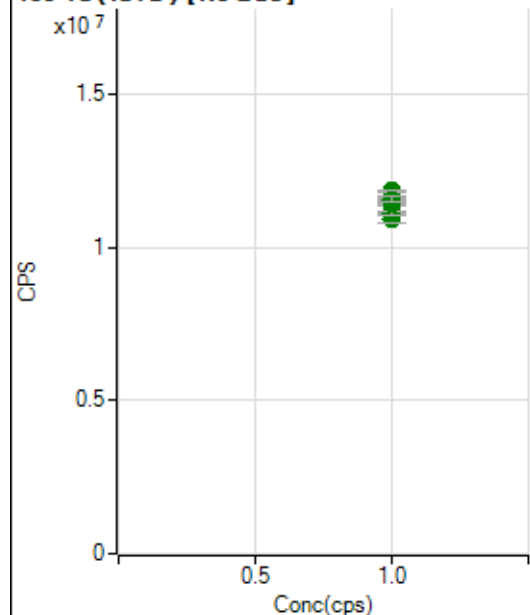
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3651662.72		A	0.3
2	☐	1.000		3676720.88		A	1.2
3	☐	1.000		3619947.62		A	2.2
4	☐	1.000		3696989.11		A	1.1
5	☐	1.000		3580671.33		A	4.4
6	☐	1.000		3632275.47		A	2.5
7	☐	1.000		3531762.66		A	1.5
8	☐	1.000		3443740.99		A	0.7

115 In (ISTD) [No Gas]

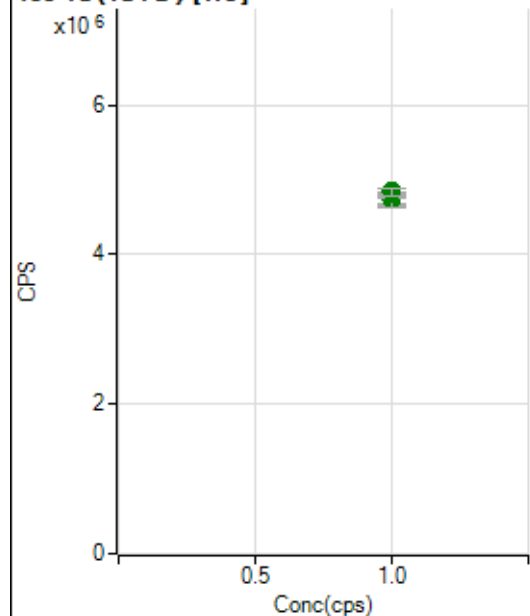
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8632976.89		A	2.8
2	☐	1.000		8808752.71		A	2.4
3	☐	1.000		8999742.26		A	3.0
4	☐	1.000		8931192.90		A	2.2
5	☐	1.000		8872131.08		A	1.4
6	☐	1.000		8900432.03		A	1.0
7	☐	1.000		8942939.65		A	1.2
8	☐	1.000		8734914.28		A	2.3

115 In (ISTD) [He]

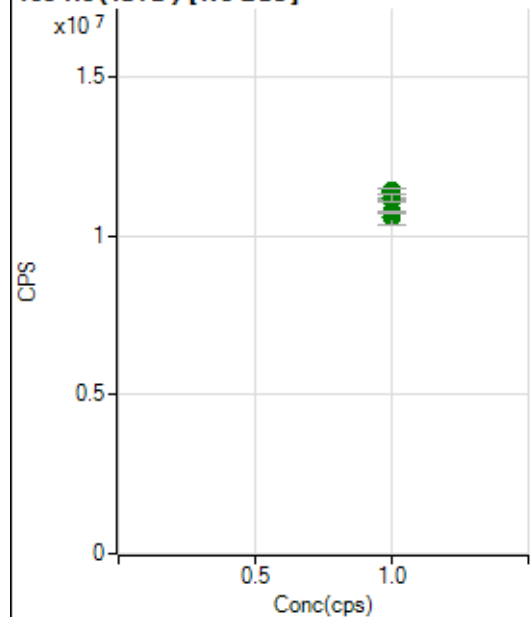
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1211636.39		P	0.7
2	☐	1.000		1212282.04		P	1.4
3	☐	1.000		1193121.60		P	2.9
4	☐	1.000		1227314.30		P	0.7
5	☐	1.000		1193522.23		P	3.0
6	☐	1.000		1201485.98		P	1.0
7	☐	1.000		1191896.85		P	1.4
8	☐	1.000		1194094.40		P	0.3

159 Tb (ISTD) [No Gas]

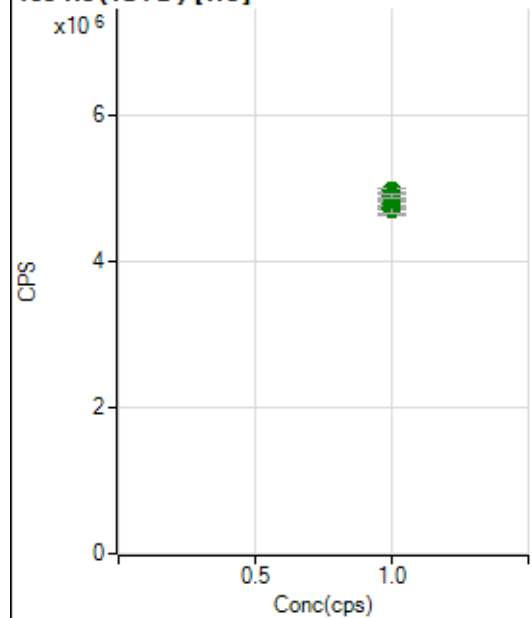
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10961819.70		A	3.1
2	☐	1.000		11138828.58		A	1.4
3	☐	1.000		11468694.55		A	1.6
4	☐	1.000		11503702.05		A	1.0
5	☐	1.000		11455838.72		A	0.4
6	☐	1.000		11681007.60		A	0.7
7	☐	1.000		11861044.82		A	0.8
8	☐	1.000		11591269.97		A	1.6

159 Tb (ISTD) [He]

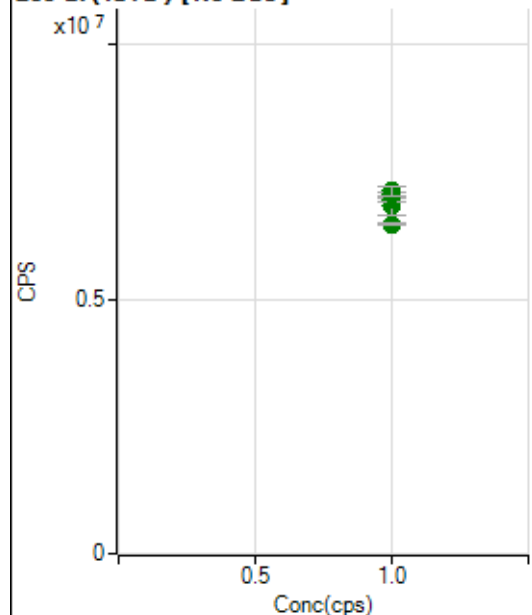
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4737868.30		A	2.3
2	☐	1.000		4770253.40		A	0.6
3	☐	1.000		4721499.31		A	2.9
4	☐	1.000		4824871.39		A	2.1
5	☐	1.000		4727916.77		A	3.9
6	☐	1.000		4811622.95		A	2.5
7	☐	1.000		4849208.85		A	1.8
8	☐	1.000		4825716.94		A	2.0

165 Ho (ISTD) [No Gas]

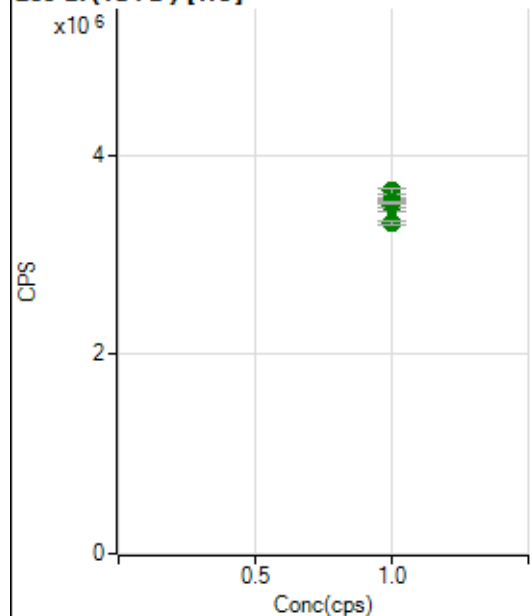
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10557011.61		A	4.2
2	☐	1.000		10741639.91		A	0.7
3	☐	1.000		11107845.91		A	1.4
4	☐	1.000		11131179.07		A	1.2
5	☐	1.000		11144238.53		A	0.9
6	☐	1.000		11387230.29		A	1.2
7	☐	1.000		11403557.55		A	1.7
8	☐	1.000		11182403.72		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4783537.05		A	2.0
2	☐	1.000		4737752.15		A	1.1
3	☐	1.000		4710931.35		A	2.6
4	☐	1.000		4932990.83		A	0.7
5	☐	1.000		4746008.92		A	3.7
6	☐	1.000		4848852.70		A	0.6
7	☐	1.000		4970291.18		A	1.5
8	☐	1.000		4902229.44		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6835890.38		A	5.2
2	☐	1.000		6948591.08		A	1.0
3	☐	1.000		7058588.30		A	0.8
4	☐	1.000		7104075.10		A	0.1
5	☐	1.000		7058835.73		A	1.1
6	☐	1.000		7057018.09		A	1.2
7	☐	1.000		7125443.78		A	2.7
8	☐	1.000		6474731.99		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3576440.71		A	2.4
2	☐	1.000		3578372.45		A	1.8
3	☐	1.000		3525309.32		A	2.8
4	☐	1.000		3645095.43		A	1.3
5	☐	1.000		3503462.62		A	3.9
6	☐	1.000		3507726.82		A	1.3
7	☐	1.000		3528666.86		A	0.9
8	☐	1.000		3328050.92		A	0.9